



**RANDOX**  
LIFE SCIENCES

# 2011 Product List

Polyclonal/Monoclonal Antibodies  
Recombinant Antibody Fragments  
Recombinant Proteins  
HRP Conjugates  
Accessories





Category	Page
<b>ANTIBODIES</b>	<b>4-12</b>
DRUGS OF ABUSE	4-6
ANTI-INFLAMMATORY DRUGS	6
ANTIMICROBIAL DRUGS	7-8
ANTI-PARASITIC DRUGS	9
GROWTH PROMOTERS	9-11
ALCOHOL/GENERAL/OTHER	11
BIOCHEMICAL MARKERS	11-12
<b>RECOMBINANT ANTIBODY FRAGMENTS</b>	<b>13-16</b>
<b>CONJUGATES</b>	<b>17-23</b>
DRUGS OF ABUSE	17-18
ANTI-INFLAMMATORY DRUGS	19
ANTIMICROBIAL DRUGS	19-21
ANTI-PARASITIC DRUGS	21
GROWTH PROMOTERS	21-23
BIOCHEMICAL MARKERS	23
<b>HUMAN RECOMBINANT PROTEINS</b>	<b>24-32</b>
ADHESION MOLECULES	
CHEMOKINES	
CYTOKINES	
PROTEASES	
TUMOUR MARKERS	
<b>BUFFERS/REAGENTS/ACCESSORIES</b>	<b>33</b>
<b>ELISA AND IMMUNOAFFINITY COLUMNS</b>	<b>34</b>

# ANTIBODIES

## General Polyconal Specification

Host animal:	Sheep
Format:	Ig fraction prepared by caprylic acid and ammonium sulphate precipitation procedures
pH:	7.2
Buffer:	20mM Phosphate, 150mM Sodium Chloride
Preservative:	0.09% Sodium Azide
Storage:	Short Term 2-8°C, Long Term -20°C up to 2 yrs

## DRUGS OF ABUSE

### ANALGESICS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
SALICYLIC ACID	Salicylic Acid-BTG	1ml	PAS9896	HRP9421

### ANTIDEPRESSANTS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
<b>ANTIDEPRESSANTS</b>				
NORSERTRALINE		1ml	PAS10129	HRP9497
TRAZODONE	Trazodone-BTG	1ml	PAS10006	HRP9451
	Trazodone-BTG	1ml	PAS10008	HRP9452

#### TRICYCLIC ANTIDEPRESSANTS

DESIPRAMINE	Desipramine-BTG	1ml	PAS9898	HRP9387
TRICYCLIC ANTIDEPRESSANTS (1)	Amitriptyline-BTG	1ml	PAS9434	HRP9386
TRICYCLIC ANTIDEPRESSANTS (1)	Amitriptyline-BTG	1ml	PAS9434	HRP9386
TRICYCLIC ANTIDEPRESSANTS (2)	Desipramine-BTG	1ml	PAS9436	HRP9387
TRICYCLIC ANTIDEPRESSANTS (3)	Imipramine-BTG	1ml	PAS9438	HRP9388
TRICYCLIC ANTIDEPRESSANTS (4)	Nortriptyline-BTG	1ml	PAS9440	HRP9389
TRICYCLIC ANTIDEPRESSANTS MONOCLONAL	TCA	1mg	MAB9960	

#### SELECTIVE SEROTONIN REUPTAKE INHIBITOR (SSRI) ANTI-DEPRESSANT

NORESCITALOPRAM	Norescitalopram-BTG	1ml	PAS10022	HRP9459
ESCITALOPRAM	Escitalopram-BTG	1ml	PAS10024	HRP9460
NORFLUOXETINE	Norfluoxetine-BTG	1ml	PAS10028	HRP9462

### BARBITURATES

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
CYCLOPENTOBARBITAL	Cyclopentobarbital-BTG	1ml	PAS9222	HRP9312
PHENOBARBITAL	Phenobarbital-BSA	1ml	PAS9568	HRP9214
	Phenobarbital-BSA	1ml	PAS9569	HRP9215
SECOBARBITAL	Secobarbital-BSA	1ml	PAS9578	HRP9216
	Secobarbital-BTG	1ml	PAS9221	HRP9216

### BENZODIAZEPINES

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
AMINOFLUNITRAZEPAM		1ml	PAS10158	
DIAZEPAM/NORDIAZEPAM	Nordiazepam-BSA	1ml	PAS9554	HRP9202
LORAZEPAM	Lorazepam-BSA	1ml	PAS9534	HRP9201
NITRAZEPAM	Nitrazepam-BSA	1ml	PAS9612	HRP9313
OXAZEPAM	Oxazepam-BSA	1ml	PAS9559	HRP9314
	Oxazepam-BSA	1ml	PAS9560	HRP9203
TEMAZEPAM	Temazepam-BSA	1ml	PAS9592	HRP9204

\* All Randox Antibodies are available in pack sizes of 100µl increments

\*\* full details of recommended tracer on pages 79 - 85

for further information go to [www.randox-lifesciences.com](http://www.randox-lifesciences.com)

HALLUCINOGENS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO. **
DEHYDRONORKETAMIN		1ml	PAS10156	
DEXTROMETHORPHAN		1ml	PAS10135	
EPI-DEMENTHYL SALVINORIN		1ml	PAS10141	HRP9502
LYSERGIC ACID DIETHYLAMIDE (LSD)	LSD-BSA	1ml	PAS9535	HRP9298
LSD/Nor-LSD	LSD-BSA	1ml	PAS9536	HRP9298
MESCALINE	Mescaline-BTG	1ml	PAS9998	HRP9447
PHENCYCLIDINE (PCP)	PCP-linker-BSA	1ml	PAS9564	HRP9324
	PCP-BSA	1ml	PAS9566	HRP9325
	PCP-BSA	1ml	PAS9565	HRP9324
	PCP-BSA	1ml	PAS9563	HRP9326
SALVINORIN	Salvinorin-BTG	1ml	PAS9992	HRP9471
TETRAHYDROCANNABINOL (THC)	Δ8-THC-COOH-BSA	1ml	PAS9600	HRP9320
	Δ9-THC-COOH-BSA	1ml	PAS9599	HRP9321
	THC-BSA	1ml	PAS9601	HRP9322

OPIATES

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO. **
ANTI HEROIN		1ml	PAS10133	HRP9499
BUPRENORPHINE	Buprenorphine-BSA	1ml	PAS9509	HRP9205
	Norbuprenorphine-BTG	1ml	PAS9841	HRP9403
CODEINE	Codeine-BSA	1ml	PAS9516	HRP9317
FENTANYL	Fentanyl-BSA	1ml	PAS9525	HRP9315
FENTANYL/DESPROPIONYL FENTANYL	Fentanyl-BSA	1ml	PAS9526	HRP9316
HYDROCODONE	Hydrocodone-BTG	1ml	PAS9640	HRP9301
HYDROMORPHONE	Hydromorphone-BTG	1ml	PAS9621	HRP9289
LEVO-ALPHA-ACETYLMETHADOL (LAAM)	LAAM-BSA	1ml	PAS9532	HRP9319
MEPERIDINE/NORMEPRIDINE	Meperidine(N)-BTG	1ml	PAS9859	HRP9302
MEPERIDINE	Meperidine-BTG	1ml	PAS9276	HRP9302
METHADOL	Methadol-BSA	1ml	PAS9542	HRP9328
METHADONE	Methadone-BSA	1ml	PAS9540	HRP9318
	Methadone-BSA	1ml	PAS9541	HRP9323
METHADONE/METHADOL	Methadol-BSA	1ml	PAS9542	HRP9328
MORPHINE	Morphine-BSA	1ml	PAS9550	HRP9208
	Morphine-BSA	1ml	PAS9551	HRP9329
MORPHINE-6-HEMISUCCINATE		1ml	PAS10125	HRP9495
NALTREXONE	Naltrexone-BTG	1ml	PAS10012	HRP9454
NORBUPRENORPHINE	Norbuprenorphine-BTG	1ml	PAS9841	HRP9403
OXYCODONE	Oxycodone-BSA	1ml	PAS9562	HRP9206
	Oxycodone-BSA	1ml	PAS9561	HRP9207
PROPOXYPHENE	Propoxyphene-BSA	1ml	PAS9572	HRP9330
PROPOXYPHENE/NORPROPOXYPHENE	Propoxyphene-BSA	1ml	PAS9571	HRP9331
SALVINORIN A	Salvinorin A -BTG	1ml	PAS9992	HRP9445
TRAMADOL	Tramadol-BTG	1ml	PAS9277	HRP9304
	Tramadol-BTG	1ml	PAS9278	HRP9303

\* All Randox Antibodies are available in pack sizes of 100µl increments

\*\* full details of recommended tracer on pages 79 - 85

## ANTIBODIES (CONTINUED)

### SEDATIVES

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
ACEPROMAZINE	Acepromazine-BTG	lml	PAS10042	HRP9469
AZAPERONE		lml	PAS10143	HRP9503
CHLORPROMAZINE	Chlorpromazine-BTG	lml	PAS10018	HRP9457
HALOPERIDOL		lml	PAS10127	HRP9496
MEPROBAMATE	Meprobamate-BTG	lml	PAS10016	HRP9456
METHAQUALONE	Methaqualone-BSA Methaqualone-BSA Methaqualone-BSA	lml lml lml	PAS9546 PAS9547 PAS9548	HRP9332 HRP9333 HRP9334
NORKETAMINE MONOCLONAL	Norketamine Norketamine Norketamine Norketamine	lmg lmg lmg lmg	MAB9852 MAB9962 MAB9964 MAB9966	
ZALEPLON	Zaleplon-BTG	lml	PAS10000	HRP9448
ZOLPIDEM		lml	PAS10110	HRP9508
ZOPICLONE		lml	PAS10112	HRP9506

### STIMULANTS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
3,4-METHYLENEDIOXYMETHAMPHETAMINE (MDMA)	MDMA-BSA	lml	PAS9537	HRP9209
AMPHETAMINE	Amphetamine-BSA	lml	PAS9501	HRP9210
COCAINE	Cocaine-BSA	lml	PAS9515	HRP9335
COCAINE/BENZOYLECGONINE (BZG)	Benzoylcegonine-BSA Benzoylcegonine-linker-BSA	lml lml	PAS9502 PAS9503	HRP9336 HRP9336
METHAMPHETAMINE	Methamphetamine-BSA Methamphetamine-BSA Methamphetamine-BSA	lml lml lml	PAS9545 PAS9543 PAS9544	HRP9211 HRP9212 HRP9213

### THERAPEUTIC DRUGS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
CARBAMAZEPINE		lml	PAS10131	HRP9498
DIGOXIN	Digoxin-BTG	lml	PAS10044	HRP9470
METHOTREXATE	Methotrexate-BSA	lml	PAS10030	HRP9463
MYCOPHENOLIC ACID	Mycophenolic-BTG	lml	PAS9876	HRP9426
PHENYTOIN	Phenytoin-BTG	lml	PAS9890	HRP9418

## ANTI-INFLAMMATORY DRUGS

### NSAIDs

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
DAPSONE	Dapsone-BTG	lml	PAS9842	HRP9404
DESMETHYLNOPROXEN		lml	PAS10137	
DIPYRONE	Dipyrrone-BTG	lml	PAS9281	HRP9285
ETODOLAC	Etodolac-BTG	lml	PAS9638	HRP9342
FLUNIXIN	Flunixin-BTG	lml	PAS9528	HRP9341
FLUNIXIN	Flunixin-BTG	lml	PAS10010	HRP9453
KEBUZONE	Kebuzone-BTG	lml	PAS9232	HRP9345
KETOPROFEN	Ketoprofen-BTG	lml	PAS9622	HRP9343
MELOXICAM	Meloxicam-BTG	lml	PAS9442	HRP9390
METHYLPREDNISOLONE	Methylprednisolone-BTG	lml	PAS9444	HRP9391
PHENYLBUTAZONE/OXYPHENBUTAZONE	Oxyphenbutazone-BTG	lml	PAS9282	HRP9344
TOLFENAMIC ACID	Tolfenamic acid-BTG	lml	PAS9843	HRP9405
Methylprednisolone		lmg	MAB10056	

\* All Randox Antibodies are available in pack sizes of 100µl increments

\*\* full details of recommended tracer on pages 79 - 85

for further information go to [www.randox-lifesciences.com](http://www.randox-lifesciences.com)

## ANTIMICROBIAL DRUGS

## AMINOGLYCOSIDES

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
APRAMYCIN	Apramycin-BTG	lml	PAS9448	HRP9393
KANAMYCIN	Kanamycin-BTG	lml	PAS9531	HRP9222
NEOMYCIN	Neomycin-BTG	lml	PAS9553	HRP9225
PIRLIMYCIN	Pirlimycin-BTG	lml	PAS9844	HRP9406
SPIRAMYCIN	Spiramycin-BTG	lml	PAS9231	HRP9227
STREPTOMYCIN/DIHYDROSTREPTOMYCIN	Streptomycin-BSA	lml	PAS9579	HRP9338
TOBRAMYCIN	Tobramycin-BSA	lml	PAS9603	HRP9224

## β-LACTAMS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
AMOXYCILLIN, AMPICILLIN AND PENICILLIN	Ampicillin-BSA	lml	PAS9567	HRP9339

## CARBADOX/QCA

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
CARBADOX	Carbadox-BTG	lml	PAS9628	HRP9271

## CEPHALOSPORINS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
CEFTIOFUR/DESFUROYLCEFTIOFUR	Ceftiofur-BSA	lml	PAS9510	HRP9297

## DYES

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
LEUCOMALACHITE GREEN	Leucomalachite green-BTG	lml	PAS9533	HRP9217

## IMIDAZOLES

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
RONIDAZOLE	Ronidazole-BTG	lml	PAS9225	HRP9253

## MACROLIDES

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
TACROLIMUS	Tacrolimus-BTG	lml	PAS9872	HRP9424
	Tacrolimus-BTG	lml	PAS9874	HRP9425
TYLOSIN/TILMICOSIN	Tylosin-BSA	lml	PAS9607	HRP9226

## NITROFURANS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
NITROFURANTOIN	Aminohydantoin-BSA	lml	PAS9228	HRP9255
4-NITROPHENYL	AOZ	lml	PAS9994	HRP9354
4-NITROPHENYL	AMOZ	lml	PAS9995	HRP9355
4-NITROPHENYL	SEM	lml	PAS9229	HRP9256
4-NITROPHENYL	AHD	lml	PAS9228	HRP9255

\* All Randox Antibodies are available in pack sizes of 100µl increments

\*\* full details of recommended tracer on pages 79 - 85

for further information go to [www.randox-lifesciences.com](http://www.randox-lifesciences.com)

## ANTIBODIES (CONTINUED)

### PHENICOLS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
CHLORAMPHENICOL	Chloramphenicol-BTG	1ml	PAS9511	HRP9263
FLORPHENICOL	Florfenicol Amine-BTG	1ml	PAS9845	HRP9407
THIAMPHENICOL/FLORPHENICOL	Thiamphenicol-BTG	1ml	PAS9602	HRP9276

### POLYPEPTIDES

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
BACITRACIN	Bacitracin-BTG	1ml	PAS9223	HRP9340

### PYRIMIDINES

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
TRIMETHOPRIM	Trimethoprim-BTG	1ml	PAS9224	HRP9294
ORMETOPRIM	Ormetoprim-BTG	1ml	PAS9450	HRP9394

### QUINOLONES

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
FLUMEQUINE	Flumequine-BTG	1ml	PAS9227	HRP9254
FLUOROQUINOLONES	Norfloxacin-BSA Norfloxacin-BTG	1ml 1ml	PAS9555 PAS9226	HRP9220 HRP9220
NALIDIXIC ACID	Nalidixic Acid-BTG	1ml	PAS9279	HRP9346
NORFLOXACIN	Norfloxacin(N)-BTG	1ml	PAS9226	HRP9220
OXOLINIC ACID	Oxolinic Acid-BTG	1ml	PAS9280	HRP9296

### STREPTOGRAMINS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
VIRGINIAMYCIN	Virginiamycin-BSA	1ml	PAS9608	HRP9223

### SULPHONAMIDES

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
SULPHABENZAMIDE	Sulphabenzamide-BTG	1ml	PAS9846	HRP9408
SULPHACHLORPYRIDAZINE	Sulphachlorpyridazine-BSA	1ml	PAS9580	HRP9358
SULPHADIAZINE	Sulphadiazine-HSA	1ml	PAS9581	HRP9359
SULPHADIMETHOXINE	Sulphadimethoxine-HSA	1ml	PAS9582	HRP9360
SULPHADOXINE	Sulphadoxine-HSA	1ml	PAS9583	HRP9361
SULPHAGUANIDINE	Sulphaguanidine-HSA Sulphaguanidine-BSA	1ml 1ml	PAS9584 PAS9585	HRP9268 HRP9268
SULPHAMERAZINE	Sulphamerazine-BTG Sulphamerazine-HSA	1ml 1ml	PAS9586 PAS9587	HRP9269 HRP9269
SULPHAMETHAZINE	Sulphamethazine-HSA	1ml	PAS9588	HRP9362
SULPHANILAMIDE	Sulphanilamide-HSA	1ml	PAS9589	HRP9363
SULPHAPHENAZOLE	Sulphaphenazole-BTG	1ml	PAS9863	HRP9293
SULPHAPYRIDINE	Sulphapyridine-HSA	1ml	PAS9613	HRP9364
SULPHAQUINOXALINE	Sulphaquinoxaline-HSA	1ml	PAS9590	HRP9365
SULPHATHIAZOLE	Sulphathiazole-BSA	1ml	PAS9591	HRP9366
SULPHATROXAZOLE	Sulphatroxazole-BTG	1ml	PAS9888	HRP9417

### TETRACYCLINES

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
TETRACYCLINE	Tetracycline-BTG Tetracycline-BSA	1ml 1ml	PAS9597 PAS9598	HRP9218 HRP9367
TETRACYCLINE MONOCLONAL	Tetracycline-BTG	1mg	MAB9258	

\* All Randox Antibodies are available in pack sizes of 100µl increments

\*\* full details of recommended tracer on pages 79 - 85

for further information go to [www.randox-lifesciences.com](http://www.randox-lifesciences.com)

## ANTI-PARASITIC DRUGS

## ANTHELMINTICS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
ALBENDAZOLE	Albendazole(5-propylthio)-BTG	1ml	PAS9618	HRP9219
BENZIMIDAZOLES (GENERIC)	Albendazole-BTG	1ml	PAS9618	HRP9219
AMINOBENZIMIDAZOLE	Benzimidazole-BTG	1ml	PAS9847	HRP9409
IVERMECTIN	Ivermectin-BTG	1ml	PAS9900	HRP9423
THIABENDAZOLE	Thiabendazole-BTG	1ml	PAS9283	HRP9283
TRICLABENDAZOLE	Triclabendazole-BTG	1ml	PAS9452	HRP9395

## COCCIDIOSTATS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
DINITROSALICYLIC ACID HYDRAZIDE (DNSH)	DNSH-BTG	1ml	PAS9454	HRP9396
DICLAZURIL	Diclazuril-BTG	1ml	PAS9631	HRP9280
LASALOCID	Lasalocid A-BTG	1ml	PAS9284	HRP9278
MONENSIN	Monensin-BTG	1ml	PAS9285	HRP9292
NICARBAZIN	Nicarbazin-BTG Nitrobenzene-BTG	1ml 1ml	PAS9286 PAS9287	HRP9279 HRP9373
TOLTRAZURIL	Toltrazuril-BTG	1ml	PAS9456	HRP9397

## GROWTH PROMOTERS

 $\beta$ -AGONISTS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
CIMATEROL	Cimaterol-BSA	1ml	PAS9848	HRP9410
CLENBUTEROL	Clenbuterol-HSA	1ml	PAS9514	HRP9348
ISOXSUPRINE	Isoxsuprine-BTG	1ml	PAS9530	HRP9264
RACTOPAMINE	Ractopamine-BSA Ractopamine-BSA	1ml 1ml	PAS9573 PAS9574	HRP9252 HRP9251
RITODRINE	Ritodrine-BSA	1ml	PAS9288	HRP9266
SALBUTAMOL	Salbutamol-BTG Salbutamol-HSA	1ml 1ml	PAS9576 PAS9577	HRP9348 HRP9348
SALMETEROL	Salmeterol-BTG	1ml	PAS9458	HRP9398
ZILPATEROL	Zilpaterol-BSA	1ml	PAS9289	HRP9265

## CORTICOSTEROIDS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
CORTISOL	Cortisol-BTG	1ml	PAS9630	HRP9286
CORTISONE	Cortisone-BTG	1ml	PAS9886	HRP9416
DEXAMETHASONE	Dexamethasone-BTG	1ml	PAS9519	HRP9374
FLUMETHASONE	Flumethasone-HSA	1ml	PAS9527	HRP9375
TRIAMCINOLONE ACETONIDE		1ml	PAS10139	

## NATURAL STEROIDS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
ANDROSTANEDIONE	Androstanedione-BTG	1ml	PAS9620	HRP9307
DEHYDROEPIANDROSTERONE (DHEA)	DHEA-BTG	1ml	PAS9520	HRP9241
DEHYDROEPIANDROSTERONE-SULPHATE	DHEA-5(17)-BTG	1ml	PAS9855	
DIHYDROTESTOSTERONE	Dihydrotestosterone-BTG	1ml	PAS9632	HRP9306
EPIANDROSTERONE	Epiandrosterone-BTG	1ml	PAS9635	HRP9308
17 $\alpha$ -ESTRADIOL	17 $\alpha$ -Estradiol-BTG	1ml	PAS9246	HRP9259
17 $\beta$ -ESTRADIOL	17 $\beta$ -Estradiol-long linker-BSA 17 $\beta$ -Estradiol-short linker-BSA 17 $\beta$ -Estradiol-BSA	1ml 1ml 1ml	PAS9523 PAS9524 PAS9614	HRP9350 HRP9351 HRP9352

\* All Randox Antibodies are available in pack sizes of 100 $\mu$ l increments

\*\* full details of recommended tracer on pages 79 - 85

## ANTIBODIES (CONTINUED)

### NATURAL STEROIDS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
ESTRIOL	Estriol-BTG	lml	PAS9460	HRP9399
	Estriol-BTG	lml	PAS9462	HRP9400
	Estriol-BTG	lml	PAS9881	HRP9415
	Estriol-BTG	lml	PAS10034	HRP9465
GESTRINONE	Gestrinone-BTG	lml	PAS9878	HRP9427
17 $\alpha$ -OH-PROGESTERONE	17 $\alpha$ -OH-Progesterone-BTG	lml	PAS9883	HRP9414
PROGESTERONE	Progesterone-BSA	lml	PAS9570	HRP9277
	Progesterone-BTG	lml	PAS9249	HRP9261
17 $\alpha$ -TESTOSTERONE	17 $\alpha$ -Testosterone-BTG	lml	PAS9248	HRP9260
17 $\beta$ -TESTOSTERONE	17 $\beta$ -Testosterone-BTG	lml	PAS9247	HRP9228
	17 $\beta$ -Testosterone-long linker-BSA	lml	PAS9593	HRP9229
	17 $\beta$ -Testosterone-BSA	lml	PAS9594	HRP9229
TESTOSTERONE	Testosterone-BSA	lml	PAS9595	HRP9305
TESTOSTERONE	Testosterone(3)-BSA	lmg	MA89851	HRP9305

### RESORCYCLIC ACID LACTONE

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
ZERANOL	B-Zeranol-BTG	lml	PAS9849	HRP9411
	Zeranol-BTG	lml	PAS9609	HRP9270
	Zeranol-HSA	lml	PAS9610	HRP9270
	Zearalanone-BTG	lml	PAS9464	HRP9401

### STILBENES

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
DIETHYLSTILBESTROL	Diethylstilbestrol-KLH	lml	PAS9522	HRP9257
	Diethylstilbestrol-BTG	lml	PAS9233	HRP9257
DIENESTROL	Dienestrol-KLH	lml	PAS9521	HRP9258
	Dienestrol-BTG	lml	PAS9234	HRP9258
HEXESTROL	Hexestrol-HSA	lml	PAS9529	HRP9284

### SYNTHETIC ANDROGENS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
17 $\beta$ -TRENBOLONE	17 $\beta$ -Trenbolone-HSA	lml	PAS9606	HRP9368
	17 $\beta$ -Trenbolone-BTG	lml	PAS9605	HRP9245
17 $\alpha$ -TRENBOLONE	17 $\alpha$ -Trenbolone-BTG	lml	PAS9604	HRP9244
17 $\alpha$ -NORTESTOSTERONE	17 $\alpha$ -19-Nortestosterone-BTG	lml	PAS9556	HRP9309
17 $\beta$ -NORTESTOSTERONE	17 $\beta$ -19-Nortestosterone-BTG	lml	PAS9557	HRP9250
19-NORTESTOSTERONE	19-Nortestosterone-BSA	lml	PAS9558	HRP9369
Boldenone	Boldenone-BSA	lml	PAS9505	HRP9247
17 -Boldenone	17 -Boldenone-BTG	lml	PAS9507	HRP9246
17 -Boldenone	17 -Boldenone-BTG	lml	PAS9508	HRP9248
Clostebol	Clostebol-BTG	lml	PAS9240	HRP9242
Clostebol/4-Androsten-4-Chloro-3,17-DIONE (CLAD)	CLAD-BTG	lml	PAS9239	HRP9242
Dehydromethyltestosterone	Dehydromethyltestosterone-BTG	lml	PAS9235	HRP9236
Mestranolone	Mestranolone-BTG	lml	PAS9466	HRP9402
Methandriol	Methandriol-BTG	lml	PAS9236	HRP9239
Methylboldenone	17 -Methylboldenone-BTG	lml	PAS9241	HRP9249
Methyldihydrotestosterone	17 -Methyldihydrotestosterone-BSA	lml	PAS9549	HRP9370
Methyltestosterone	Methyltestosterone-BTG	lml	PAS9237	HRP9237
Stanozolol	Stanozolol-BSA	lml	PAS9611	HRP9238

### SYNTHETIC ESTROGENS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
ETHINYLESTRADIOL	Ethinylestradiol-BTG	lml	PAS9244	HRP9235
	Ethinylestradiol-BTG	lml	PAS9245	HRP9234

\* All Randox Antibodies are available in pack sizes of 100 $\mu$ l increments

\*\* full details of recommended tracer on pages 79 - 85

for further information go to [www.randox-lifesciences.com](http://www.randox-lifesciences.com)

## SYNTHETIC GESTAGENS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
MEDROXYPROGESTERONE ACETATE	Medroxyprogesterone acetate-BTG	1ml	PAS9538	HRP9233
CHLORMADINONE ACETATE	Chlormadinone acetate-BTG	1ml	PAS9513	HRP9230
MEGESTROL ACETATE	Megestrol acetate-BTG	1ml	PAS9539	HRP9232
MEGESTROL	Megestrol-BTG	1ml	PAS9242	HRP9353
MELENGESTROL ACETATE	Melengestrol-BTG	1ml	PAS9243	HRP9221

## ALCOHOL/GENERAL/OTHER

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
HYDOXYINDOLE ACETIC ACID	5-Hydroxyindole Acetic Acid-BTG	1ml	PAS10075	HRP9476
CREATININE ACID	Creatinine Acid-BTG	1ml	PAS10079	HRP9477
COTININE	Cotinine-BTG	1ml	PAS10081	HRP9478
ETHYLGLUCURONIDE		1ml	PAS10108	

## BIOCHEMICAL MARKERS

### BIOCHEMICAL MESSENGERS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
CYCLIC AMP	Cyclic AMP-BSA	1ml	PAS9518	HRP9371

### METABOLIC END PRODUCTS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.	RECOMMENDED TRACER CAT. NO.**
CREATININE	Creatinine-BSA	1ml	PAS9517	HRP9200

## PROTEINS

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.
A DISINTEGRIN AND METALLOPROTEINASE DOMAIN 12 S ISOFORM (ADAM 12S)	Recombinant ADAM 12S	1ml	PAS9486
ADIPONECTIN	Recombinant Adiponectin	1ml	PAS9386
CARBONIC ANHYDRASE III (CA III) (MUSCLE)	Recombinant CAIII	1ml	PAS9311
CYCLIN-DEPENDENT KINASE 4 (CDK4)	Recombinant CDK4	1ml	PAS9323
CYTOKERATIN-18 (CK18)	Recombinant CK18	1ml	PAS9329
EOTAXIN	Recombinant Eotaxin	1ml	PAS9378
E-SELECTIN	Recombinant E-Selectin	1ml	PAS9213
FABP-A	Recombinant FABP-A	1ml	PAS10145
FATTY ACID BINDING PROTEIN (FABP) (BRAIN)	Recombinant FABP (BRAIN)	1ml	PAS9483
FATTY ACID BINDING PROTEIN (FABP) (MUSCLE AND HEART)	Recombinant FABP	1ml	PAS9308
GLUTATHIONE S-TRANSFERASE OMEGA 1 (GST-01) WILD TYPE		1mg	MAB10064 MAB10066
GLUTATHIONE S-TRANSFERASE OMEGA 1 (GST-01) MUTANT		1mg	MAB10068
GRANULOCYTE MACROPHAGE COLONY STIMULATING FACTOR (GM-CSF)	Recombinant GM-CSF	1ml	PAS9382
HGF-A	Recombinant HGF-A	1ml	PAS10147
HUMAN EPIDERMAL GROWTH FACTOR (EGF)	Human EGF-BSA	1ml	PAS9615
INHIBIN $\alpha$	Recombinant Inhibin $\alpha$	1ml	PAS9468
INHIBIN $\beta_A$	Recombinant Inhibin $\beta_A$	1ml	PAS9471
INTERCELLULAR ADHESION MOLECULE 1 (ICAM-1)	Recombinant ICAM-1	1ml	PAS9212
INTERFERON GAMMA (IFN $\gamma$ )	Recombinant IFN $\gamma$	1ml	PAS9373
INTERFERON GAMMA INDUCIBLE PROTEIN 10 (IP-10)	Recombinant IP-10	1ml	PAS9379
INTERLEUKIN-1 $\alpha$ (IL-1 $\alpha$ )	Recombinant IL-1 $\alpha$	1ml	PAS9215

## ANTIBODIES (CONTINUED)

SPECIFICITY	IMMUNOGEN	UNIT*	CAT. NO.
INTERLEUKIN-1 $\beta$ (IL-1 $\beta$ )	Recombinant IL-1 $\beta$	1ml	PAS9216
INTERLEUKIN-1 RECEPTOR ANTAGONIST (IL-1Ra)	Recombinant IL-1Ra	1ml	PAS9375
INTERLEUKIN-10 (IL-10)	Recombinant IL-10	1ml	PAS9371
INTERLEUKIN-12A (p35) (IL-12A)	Recombinant IL-12A	1ml	PAS9210
INTERLEUKIN-12B (p40) (IL-12B)	Recombinant IL-12B	1ml	PAS9211
INTERLEUKIN-13 (IL-13)	Recombinant IL-13	1ml	PAS9218
INTERLEUKIN-15 (IL-15)	Recombinant IL-15	1ml	PAS9203
INTERLEUKIN-18 (IL-18)	Recombinant IL-18	1ml	PAS9377
INTERLEUKIN-2 (IL-2)	Recombinant IL-2	1ml	PAS9208
INTERLEUKIN-2 RECEPTOR $\alpha$ (IL-2R $\alpha$ )	Recombinant IL-2R $\alpha$	1ml	PAS9492
INTERLEUKIN-3 (IL-3)	Recombinant IL-3	1ml	PAS9219
INTERLEUKIN-4 (IL-4)	Recombinant IL-4	1ml	PAS9209
INTERLEUKIN-6 (IL-6)	Recombinant IL-6	1ml	PAS9220
INTERLEUKIN-6 SOLUBLE RECEPTOR (IL-6SR)	Recombinant IL-6SR	1ml	PAS9489
INTERLEUKIN-7 (IL-7)	Recombinant IL-7	1ml	PAS9380
INTERLEUKIN-8 (IL-8)	Recombinant IL-8	1ml	PAS9217
LP-PLA2	Recombinant LP-PLA2	1ml	PAS10149
L-SELECTIN	Recombinant L-Selectin	1ml	PAS9214
M2PK	Recombinant Human M2PK	1ml	PAS9326
MACROPHAGE INFLAMMATORY PROTEIN 1 ALPHA (MIP-1 $\alpha$ )	Recombinant MIP-1 $\alpha$	1ml	PAS9202
MATRIX METALLOPROTEINASE 9 (MMP-9)	Recombinant MMP-9	1ml	PAS9495
METHYLVINYLMALEIMIDE		1mg	MAB10116
MONOCYTE CHEMOTACTIC PROTEIN 1 (MCP-1)	Recombinant MCP-1	1ml	PAS9390
MYOGLOBIN (HUMAN)	Human myoglobin (cardiac)	1ml	PAS9552
NEURONAL SPECIFIC ENOLASE (NSE)	Recombinant NSE	1ml	PAS9201
NEUTROPHIL GELATINASE ASSOCIATED LIPOCALIN (NGAL)	Recombinant NGAL	1ml	PAS9332
PLASMINOGEN ACTIVATOR INHIBITOR 1 (PAI-1)	Recombinant PAI-1	1ml	PAS9389
PLATELET-DERIVED GROWTH FACTOR A CHAIN (PDGF-A)	Recombinant PDGF-A	1ml	PAS9204
PLATELET-DERIVED GROWTH FACTOR B CHAIN (PDGF-B)	Recombinant PDGF-B	1ml	PAS9205
PREGNANCY-ASSOCIATED PLASMA PROTEIN-1 (PAPP-A)	Recombinant PAPP-A	1ml	PAS9480
PROCALCITONIN (PCT)	Recombinant PCT	1ml	PAS9383
RANTES	Recombinant RANTES	1ml	PAS9376
RESISTIN	Recombinant Resistin	1ml	PAS9387
RETINOL BINDING PROTEIN (RBP)	Recombinant RBP	1ml	PAS9385
SI00A10	Recombinant SI00A10	1ml	PAS9302
SI00A11	Recombinant SI00A11	1ml	PAS9305
SI00B	Recombinant SI00B	1ml	PAS9200
SERUM AMYLOID A (SAA, HUMAN)	Human SAA	1ml	PAS9575
SOLUBLE TUMOUR NECROSIS FACTOR RECEPTOR-1 (sTNFR1)	Recombinant sTNFR1	1ml	PAS9835
SOLUBLE TUMOUR NECROSIS FACTOR RECEPTOR-2 (sTNFR2)	Recombinant sTNFR2	1ml	PAS9838
TISSUE INHIBITOR OF METALLOPROTEINASE 1 (TIMP-1)	Recombinant TIMP-1	1ml	PAS9477
TRIGGERING RECEPTOR EXPRESSED ON MYELOID CELLS 1 (TREM-1)	Recombinant TREM-1	1ml	PAS9384
TUMOUR NECROSIS FACTOR $\beta$ (TNF $\beta$ )	Recombinant TNF $\beta$	1ml	PAS9207
TUMOUR NECROSIS FACTOR $\alpha$ (TNF $\alpha$ )	Recombinant TNF $\alpha$	1ml	PAS9372
TUMOURTYPE M2 PYRUVATE KINASE (M2PK)	Recombinant M2PK	1ml	PAS9326
VASCULAR CELLULAR ADHESION MOLECULE - 1		1mg 1mg 1mg 1mg 1mg	MAB9920 MAB9922 MAB9924 MAB9926 MAB9928
VASCULAR CELL ADHESION MOLECULE 1 (VCAM-1)	Recombinant VCAM-1	1ml	PAS9374
VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF)	Recombinant VEGF	1ml	PAS9206
VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR 1 (VEGFR1)	Recombinant VEGFR1	1ml	PAS9381
VISFATIN	Recombinant Visfatin	1ml	PAS9388

# RECOMBINANT ANTIBODY FRAGMENTS

## General Polyclonal Specification

**Host animal:** E.Coli  
**Format:** Single Chain Fv Recombinant Antibody Fragment  
**pH:** 7.4  
**Buffer:** PBS  
**Preservative:** 0.09% Sodium Azide  
**Storage:** Short Term 2-8°C, Long Term -20°C up to 2 yrs

SPECIFICITY	UNIT	CAT. NO.
Norketamine Antibody scFv Clone MC32F5	10µg	RAF9200
	100µg	RAF9201
	1000µg	RAF9202
	Conjugated	RAF9203
FABP3 (heart) Antibody scFv Clone MC6A1	10µg	RAF9204
	100µg	RAF9205
	1000µg	RAF9206
	Conjugated	RAF9207
FABP3 (heart) Antibody scFv Clone MC7D5	10µg	RAF9208
	100µg	RAF9209
	1000µg	RAF9210
	Conjugated	RAF9211
FABP3 (heart) Antibody scFv Clone MC25G11	10µg	RAF9212
	100µg	RAF9213
	1000µg	RAF9214
	Conjugated	RAF9215
Haptoglobin Beta Antibody scFv Clone 1208.9C4	10µg	RAF9216
	100µg	RAF9217
	1000µg	RAF9218
	Conjugated	RAF9219
Interleukin-18 (IL18) Antibody scFv Clone 996.1H1	10µg	RAF9220
	100µg	RAF9221
	1000µg	RAF9222
	Conjugated	RAF9223
Interleukin-18 (IL18) Antibody Clone 996.1H9	10µg	RAF9224
	100µg	RAF9225
	1000µg	RAF9226
	Conjugated	RAF9227
Interleukin-18 (IL18) Antibody scFv Clone 996.1B4	10µg	RAF9228
	100µg	RAF9229
	1000µg	RAF9230
	Conjugated	RAF9231
Interleukin-18 (IL18) Antibody scFv Clone 996.1G7	10µg	RAF9232
	100µg	RAF9233
	1000µg	RAF9234
	Conjugated	RAF9235

## RECOMBINANT ANTIBODY FRAGMENTS (CONTINUED)

SPECIFICITY	UNIT	CAT. NO.
Interleukin-18 (IL18) Antibody scFv Clone 996.5F9	10µg	RAF9236
	100µg	RAF9237
	1000µg	RAF9238
	Conjugated	RAF9239
Interleukin-18 (IL18) Antibody scFv Clone 996.7H9	10µg	RAF9240
	100µg	RAF9241
	1000µg	RAF9242
	Conjugated	RAF9243
Interleukin-18 (IL18) Antibody scFv Clone 996.9D12	10µg	RAF9244
	100µg	RAF9245
	1000µg	RAF9246
	Conjugated	RAF9247
Interleukin-18 (IL18) Antibody scFv Clone 996.10B9	10µg	RAF9248
	100µg	RAF9249
	1000µg	RAF9250
	Conjugated	RAF9251
ICAM1 (CD54) Antibody scFv Clone MC11G9	10µg	RAF9252
	100µg	RAF9253
	1000µg	RAF9254
	Conjugated	RAF9255
L-selectin (CD62L) Antibody scFv Clone MC39A10	10µg	RAF9256
	100µg	RAF9257
	1000µg	RAF9258
	Conjugated	RAF9259
Soluble VEGFR-1 (sVEGFR1) Antibody scFv Clone 867.2A3	10µg	RAF9260
	100µg	RAF9261
	1000µg	RAF9262
	Conjugated	RAF9263
Soluble VEGFR-1 (sVEGFR1) Antibody scFv Clone 867.2D2	10µg	RAF9264
	100µg	RAF9265
	1000µg	RAF9266
	Conjugated	RAF9267
Soluble VEGFR-1 (sVEGFR1) Antibody scFv Clone 867.2H2	10µg	RAF9268
	100µg	RAF9269
	1000µg	RAF9270
	Conjugated	RAF9271
Soluble VEGFR-1 (sVEGFR1) Antibody scFv Clone 867.4C3	10µg	RAF9272
	100µg	RAF9273
	1000µg	RAF9274
	Conjugated	RAF9275
Soluble VEGFR-1 (sVEGFR1) Antibody scFv Clone 867.4F12	10µg	RAF9276
	100µg	RAF9277
	1000µg	RAF9278
	Conjugated	RAF9279

## RECOMBINANT ANTIBODY FRAGMENTS (CONTINUED)

SPECIFICITY	UNIT	CAT. NO.
Soluble VEGFR-1 (sVEGFR1) Antibody scFv Clone 867.10B7	10µg	RAF9280
	100µg	RAF9281
	1000µg	RAF9282
	Conjugated	RAF9283
Soluble VEGFR-1 (sVEGFR1) Antibody scFv Clone 867.10B9	10µg	RAF9284
	100µg	RAF9285
	1000µg	RAF9286
	Conjugated	RAF9287
p53 Antibody scFv Clone MCP53	10µg	RAF9288
	100µg	RAF9289
	1000µg	RAF9290
	Conjugated	RAF9291
Thyroid-Stimulating Hormone (TSH) Antibody scFv Clone MC9G1	10µg	RAF9292
	100µg	RAF9293
	1000µg	RAF9294
	Conjugated	RAF9295
Thyroid-Stimulating Hormone (TSH) Antibody scFv Clone MC43A2	10µg	RAF9296
	100µg	RAF9297
	1000µg	RAF9298
	Conjugated	RAF9299
Thyroid-Stimulating Hormone (TSH) Antibody scFv Clone 1030.2G9	10µg	RAF9300
	100µg	RAF9301
	1000µg	RAF9302
	Conjugated	RAF9303
Thyroid-Stimulating Hormone (TSH) Antibody scFv Clone 1030.1H1	10µg	RAF9304
	100µg	RAF9305
	1000µg	RAF9306
	Conjugated	RAF9307
Thyroid-Stimulating Hormone (TSH) Antibody scFv Clone 1030.2G10	10µg	RAF9308
	100µg	RAF9309
	1000µg	RAF9310
	Conjugated	RAF9311
Thyroid-Stimulating Hormone Alpha Chain (TSH-A or CGA) Antibody scFv Clone 1030.1H9	10µg	RAF9312
	100µg	RAF9313
	1000µg	RAF9314
	Conjugated	RAF9315
Thyroid-Stimulating Hormone Alpha Chain (TSH-A or CGA) Antibody scFv Clone 1030.1G10	10µg	RAF9316
	100µg	RAF9317
	1000µg	RAF9318
	Conjugated	RAF9319
Thyroid-Stimulating Hormone Alpha Chain (TSH-A or CGA) Antibody scFv Clone 1030.2E3	10µg	RAF9320
	100µg	RAF9321
	1000µg	RAF9322
	Conjugated	RAF9323

## RECOMBINANT ANTIBODY FRAGMENTS (CONTINUED)

SPECIFICITY	UNIT	CAT. NO.
Plasminogen Activator Inhibitor-I (PAI1) Antibody scFv Clone 1040-1F6	10µg	RAF9324
	100µg	RAF9325
	1000µg	RAF9326
	Conjugated	RAF9327
Plasminogen Activator Inhibitor-I (PAI1) Antibody scFv Clone 1040-2C12	10µg	RAF9328
	100µg	RAF9329
	1000µg	RAF9330
	Conjugated	RAF9331
Plasminogen Activator Inhibitor-I (PAI1) Antibody scFv Clone 1040-2B8	10µg	RAF9332
	100µg	RAF9333
	1000µg	RAF9334
	Conjugated	RAF9335
Hepatitis B Surface Antigen (HBsAg) Antibody scFv Clone MCHBS	10µg	RAF9336
	100µg	RAF9337
	1000µg	RAF9338
	Conjugated	RAF9339
Tetanus Toxoid Antibody scFv Clone MCTT	10µg	RAF9340
	100µg	RAF9341
	1000µg	RAF9342
	Conjugated	RAF9343

# CONJUGATES

## General Specification

Each conjugate comprises antigen covalently bound to horseradish peroxidase and is suitable for use as a tracer in immunoassay development.

**Format:** The conjugate is supplied as a concentrate. Dilute as required and use working strength conjugate immediately after dilution.

**Storage:** +2 - +8°C for up to 3 months  
< -20°C for long term storage

## DRUGS OF ABUSE

### ANALGESICS

SPECIFICITY	UNIT	CAT. NO.
Salicylic Acid-HRP	0.5ml	HRP9421

### ANTIDEPRESSANTS

SPECIFICITY	UNIT	CAT. NO.
ACEPROMAZINE-HRP	0.5ml	HRP9469
CHLORPROMAZINE-HRP	0.5ml	HRP9457
ESCITALOPRAM-HRP	0.5ml	HRP9460
NORESCITALOPRAM-HRP	0.5ml	HRP9459
NORFLUOXETINE-HRP	0.5ml	HRP9462
NORSERTRALINE-HRP	0.5ml	HRP9497
TRAZODONE	0.5ml 0.5ml	HRP9451 HRP9452

#### TRICYCLIC ANTIDEPRESSANTS

DESIPRAMINE-HRP	0.5ml	HRP9387
-----------------	-------	---------

### BARBITURATES

SPECIFICITY	UNIT	CAT. NO.
CYCLOPENTOBARBITAL-HRP	0.5ml	HRP9312
PHENOBARBITAL-HRP	0.5ml 0.5ml	HRP9214 HRP9215
SECOBARBITAL-HRP	0.5ml	HRP9216

### BENZODIAZEPINES

SPECIFICITY	UNIT	CAT. NO.
LORAZEPAM-HRP	0.5ml	HRP9201
NITRAZEPAM-HRP	0.5ml	HRP9313
NORDIAZEPAM-HRP	0.5ml	HRP9202
OXAZEPAM-HRP	0.5ml 0.5ml	HRP9314 HRP9203
TEMAZEPAM-HRP	0.5ml	HRP9204

### HALLUCINOGENS

SPECIFICITY	UNIT	CAT. NO.
EPI-DEMENTHYL SALVINORIN-HRP	0.5ml	HRP9502
LSD-HRP	0.5ml	HRP9298
MESCALINE-HRP	0.5ml	HRP9447
NALTREXONE-HRP	0.5ml	HRP9454
PCP-HRP	0.5ml 0.5ml 0.5ml 0.5ml	HRP9324 HRP9325 HRP9324 HRP9326
$\Delta^8$ -THC-COOH-HRP	0.5ml	HRP9320
$\Delta^9$ -THC-COOH-HRP	0.5ml	HRP9321
SALVINORIN-HRP	0.5ml	HRP9471
THC-HRP	0.5ml	HRP9322

## CONJUGATES (CONTINUED)

### OPIATES

SPECIFICITY	UNIT	CAT. NO.
BUPRENORPHINE-HRP	0.5ml	HRP9205
CODEINE-HRP	0.5ml	HRP9317
FENTANYL-HRP	0.5ml	HRP9315
FENTANYL-HRP	0.5ml	HRP9316
HEROIN-HRP	0.5ml	HRP9499
HYDROCODONE-HRP	0.5ml	HRP9301
HYDROMORPHONE-HRP	0.5ml	HRP9289
LAAM-HRP	0.5ml	HRP9319
MEPERIDINE-HRP	0.5ml	HRP9302
METHADONE-HRP	0.5ml	HRP9318
METHADOL-HRP	0.5ml	HRP9328
METHADONE-HRP	0.5ml	HRP9323
MORPHINE-HRP	0.5ml	HRP9208
MORPHINE-HRP	0.5ml	HRP9329
MORPHINE-6-HEMISUCCINATE-HRP	0.5ml	HRP9495
NORBUPRENORPHINE-HRP	0.5ml	HRP9403
OXYCODONE-HRP	0.5ml 0.5ml	HRP9206 HRP9207
PROPOXYPHENE-HRP	0.5ml 0.5ml	HRP9330 HRP9331
SALVINORIN A-HRP	0.5ml	HRP9445
TRAMADOL-HRP	0.5ml 0.5ml	HRP9304 HRP9303

### SEDATIVES

SPECIFICITY	UNIT	CAT. NO.
AZAPERONE-HRP	0.5ml	HRP9503
HALOPERIDOL-HRP	0.5ml	HRP9496
MEPROBAMATE-HRP	0.5ml	HRP9456
METHAQUALONE-HRP	0.5ml 0.5ml 0.5ml	HRP9332 HRP9333 HRP9334
ZALEPLON-HRP	0.5ml	HRP9448
ZOLPIDEM-HRP	0.5ml	HRP9508
ZOPICLONE-HRP	0.5ml	HRP9506

### STIMULANTS

SPECIFICITY	UNIT	CAT. NO.
MDMA-HRP	0.5ml	HRP9209
Amphetamine-HRP	0.5ml	HRP9210
Cocaine-HRP	0.5ml	HRP9335
Benzoyllecgonine-HRP	0.5ml	HRP9336
Methamphetamine-HRP	0.5ml 0.5ml 0.5ml	HRP9211 HRP9212 HRP9213

### THERAPEUTIC DRUGS

SPECIFICITY	UNIT	CAT. NO.
Carbamazepine-HRP	0.5ml	HRP9498
Mycophenolic-HRP	0.5ml	HRP9426
Phenytoin-HRP	0.5ml	HRP9418

### TRICYCLIC ANTIDEPRESSANTS

SPECIFICITY	UNIT	CAT. NO.
Amitriptyline-HRP	0.5ml	HRP9386
Desipramine-HRP	0.5ml	HRP9387
Imipramine-HRP	0.5ml	HRP9388
Nortriptyline-HRP	0.5ml	HRP9389

## ANTI-INFLAMMATORY DRUGS

### NSAIDs

SPECIFICITY	UNIT	CAT. NO.
DAPSONE-HRP	0.5ml	HRP9404
DIPYRONE-HRP	0.5ml	HRP9285
ETODOLAC-HRP	0.5ml	HRP9342
FLUNIXIN(COOH)-HRP	0.5ml	HRP9341
FLUNIXIN-HRP	0.5ml	HRP9453
KEBUZONE-HRP	0.5ml	HRP9345
KETOPROFEN-HRP	0.5ml	HRP9343
MELOXICAM-HRP	0.5ml	HRP9390
METHYLPREDNISOLONE-HRP	0.5ml	HRP9391
OXYPHENBUTAZONE-HRP	0.5ml	HRP9344
TOLFENAMIC ACID-HRP	0.5ml	HRP9405

## ANTIMICROBAL DRUGS

### AMINOGLYCOSIDES

SPECIFICITY	UNIT	CAT. NO.
Apramycin-HRP	0.5ml	HRP9393
Kanamycin-HRP	0.5ml	HRP9222
Neomycin-HRP	0.5ml	HRP9225
Pirlimycin-HRP	0.5ml	HRP9406
Streptomycin-HRP	0.5ml	HRP9338
Spiramycin-HRP	0.5ml	HRP9227
Tobramycin-HRP	0.5ml	HRP9224

### β-LACTAMS

SPECIFICITY	UNIT	CAT. NO.
Ampicillin-HRP	0.5ml	HRP9339

### CARBADOX/QCA

SPECIFICITY	UNIT	CAT. NO.
Carbadox-HRP	0.5ml	HRP9271

### CEPHALOSPORINS

SPECIFICITY	UNIT	CAT. NO.
Ceftiofur-HRP	0.5ml	HRP9297

### DYES

SPECIFICITY	UNIT	CAT. NO.
Leucomalachite green-HRP	0.5ml	HRP9217

### IMIDAZOLES

SPECIFICITY	UNIT	CAT. NO.
Ronidazole-HRP	0.5ml	HRP9253

## CONJUGATES (CONTINUED)

### MACROLIDES

SPECIFICITY	UNIT	CAT. NO.
Tacrolimus 22-HRP	0.5ml	HRP9424
Tacrolimus 32-HRP	0.5ml	HRP9425
Tylosin/Tilmicosin-HRP	0.5ml	HRP9226

### NITROFURANS

SPECIFICITY	UNIT	CAT. NO.
Aminohydantoin-HRP	0.5ml	HRP9255
4-Nitrophenyl AOZ-HRP	0.5 ml	HRP9354
4-Nitrophenyl AMOZ-HRP	0.5 ml	HRP9355
4-Nitrophenyl SEM-HRP	0.5 ml	HRP9256
4-Nitrophenyl AHD-HRP	0.5 ml	HRP9255

### PHENICOLS

SPECIFICITY	UNIT	CAT. NO.
Chloramphenicol-HRP	0.5ml	HRP9263
Florfenicol Amine-HRP	0.5ml	HRP9407
Thiamphenicol-HRP	0.5ml	HRP9276

### POLYPEPTIDES

SPECIFICITY	UNIT	CAT. NO.
Bacitracin-HRP	0.5ml	HRP9340

### PYRIMIDINES

SPECIFICITY	UNIT	CAT. NO.
Trimethoprim-HRP	0.5ml	HRP9294
Ormetoprim-HRP	0.5ml	HRP9394

### QUINOLONES

SPECIFICITY	UNIT	CAT. NO.
Fumequine-HRP	0.5ml	HRP9254
Norfloxacin-HRP	0.5ml	HRP9220
Nalidixic Acid-HRP	0.5ml	HRP9346
Oxolinic Acid-HRP	0.5ml	HRP9296

### STREPTOGRAMS

SPECIFICITY	UNIT	CAT. NO.
Virginiamycin-HRP	0.5ml	HRP9223

### SULPHONAMIDES

SPECIFICITY	UNIT	CAT. NO.
Sulphabenzamide	0.5ml	HRP9408
Sulphachlorpyridazine-HRP	0.5ml	HRP9358
Sulphadiazine-HRP	0.5ml	HRP9359
Sulphadimethoxine-HRP	0.5ml	HRP9360
Sulphadoxine-HRP	0.5ml	HRP9361
Sulphaguandine-HRP	0.5ml	HRP9268
Sulphamerazine-HRP	0.5ml	HRP9269
Sulphamethazine-HRP	0.5ml	HRP9362
Sulphanilamide-HRP	0.5ml	HRP9363
Sulphaphenazole-HRP	0.5ml	HRP9293

## SULPHONAMIDES (continued)

SPECIFICITY	UNIT	CAT. NO.
Sulphapyridine-HRP	0.5ml	HRP9364
Sulphaquinoxaline-HRP	0.5ml	HRP9365
Sulphathiazole-HRP	0.5ml	HRP9366
Sulphatroxazole-HRP	0.5ml	HRP9417

## TETRACYCLINES

SPECIFICITY	UNIT	CAT. NO.
Tetracycline-HRP	0.5ml	HRP9218
Tetracycline-HRP	0.5ml	HRP9367

## ANTI-PARASITIC DRUGS

### ANTHELMINTICS

SPECIFICITY	UNIT	CAT. NO.
Albendazole-HRP	0.5ml	HRP9219
Benzimidazole-HRP	0.5ml	HRP9409
Ivermectin-HRP	0.5ml	HRP9423
Thiabendazole-HRP	0.5ml	HRP9283
Triclabendazole-HRP	0.5ml	HRP9395

### COCCIDIOSTATS

SPECIFICITY	UNIT	CAT. NO.
Dinitrosalicylic Acid Hydrazide HRP (DNSH-HRP)	0.5ml	HRP9396
Diclazuril-HRP	0.5ml	HRP9280
Lasalocid -HRP	0.5ml	HRP9278
Monensin-HRP	0.5ml	HRP9292
Nicarbazin-HRP	0.5ml	HRP9279
Nitrobenzene-HRP	0.5ml	HRP9373
Toltrazuril-HRP	0.5ml	HRP9397

## GROWTH PROMOTERS

### β-AGONISTS

SPECIFICITY	UNIT	CAT. NO.
Cimaterol-HRP	0.5ml	HRP9410
Clenbuterol-HRP	0.5ml	HRP9348
Isoxsuprine-HRP	0.5ml	HRP9264
Ractopamine-HRP	0.5ml	HRP9252
Ractopamine-HRP	0.5ml	HRP9251
Ritodrine-HRP	0.5ml	HRP9266
Salbutamol-HRP	0.5ml	HRP9348
Salmeterol-HRP	0.5ml	HRP9398
Zilpaterol-HRP	0.5ml	HRP9265

### CORTICOSTEROIDS

SPECIFICITY	UNIT	CAT. NO.
Cortisol-HRP	0.5ml	HRP9286
Cortisone-HRP	0.5ml	HRP9416
Dexamethasone-HRP	0.5ml	HRP9374
Flumethasone-HRP	0.5ml	HRP9375

## CONJUGATES (CONTINUED)

### NATURAL STEROIDS

SPECIFICITY	UNIT	CAT. NO.
Androstenedione-HRP	0.5ml	HRP9307
DHEA-HRP	0.5ml	HRP9241
Dihydrotestosterone-HRP	0.5ml	HRP9306
Epiandrosterone-HRP	0.5ml	HRP9308
17 $\alpha$ -Estradiol-HRP	0.5ml	HRP9259
17 $\beta$ -Estradiol-long linker-HRP	0.5ml	HRP9350
17 $\beta$ -Estradiol-short linker-HRP	0.5ml	HRP9351
17 $\beta$ -Estradiol-HRP	0.5ml	HRP9352
Estriol-HRP	0.5ml 0.5ml 0.5ml	HRP9399 HRP9400 HRP9415 HRP9465
Gestrinone-HRP	0.5m	HRP9427
17 $\alpha$ -OH-Progesterone-HRP	0.5ml	HRP9414
Progesterone-HRP	0.5ml 0.5ml	HRP9277 HRP9261
17 $\alpha$ -Testosterone-HRP	0.5ml	HRP9260
17 $\beta$ -Testosterone-HRP	0.5ml 0.5ml	HRP9228 HRP9229
Testosterone-HRP	0.5ml	HRP9305

### RESORCYCLIC ACID LACTONE

SPECIFICITY	UNIT	CAT. NO.
Zeranol-HRP	0.5ml	HRP9270
Zearalanone-HRP	0.5ml	HRP9401
Zeranol-HRP	0.5ml	HRP9411

### STILBENES

SPECIFICITY	UNIT	CAT. NO.
Diethylstilbestrol-HRP	0.5ml	HRP9257
Dienestrol-HRP	0.5ml	HRP9258
Hexestro-HRP	0.5ml	HRP9284

### SYNTHETIC ANDROGENS

SPECIFICITY	UNIT	CAT. NO.
17 $\beta$ -Trenbolone-HRP	0.5ml 0.5ml	HRP9368 HRP9245
17 $\alpha$ -Trenbolone-HRP	0.5ml	HRP9244
17 $\alpha$ -19-Nortestosterone-HRP	0.5ml	HRP9309
17 $\beta$ -19-Nortestosterone-HRP	0.5ml	HRP9250
19-Nortestosterone-HRP	0.5ml	HRP9369
17 $\alpha$ -Methyldihydrotestosterone-HRP	0.5ml	HRP9370
Boldenone-HRP	0.5ml	HRP9247
17 $\alpha$ -Boldenone-HRP	0.5ml	HRP9246
17 $\beta$ -Boldenone-HRP	0.5ml	HRP9248
Stanozolol-HRP	0.5ml	HRP9238
Methandriol-HRP	0.5ml	HRP9239
Dehydromethyltestosterone-HRP	0.5ml	HRP9236
Methyltestosterone-HRP	0.5ml	HRP9237
17 $\beta$ -Methylboldenone-HRP	0.5ml	HRP9249
CLAD-HRP	0.5ml 0.5ml	HRP9242 HRP9243
Mestanolone-HRP	0.5ml	HRP9402

## SYNTHETIC ESTROGENS

SPECIFICITY	UNIT	CAT. NO.
Ethinylestradiol-HRP	0.5ml 0.5ml	HRP9235 HRP9234

## SYNTHETIC GESTAGENS

SPECIFICITY	UNIT	CAT. NO.
Medroxyprogesterone acetate-HRP	0.5ml	HRP9233
Chlormadinone acetate-HRP	0.5ml	HRP9230
Megestrol acetate-HRP	0.5ml	HRP9232
Megestrol-HRP	0.5ml	HRP9353
Melengestrol-HRP	0.5ml	HRP9221

# BIOCHEMICAL MARKERS

## BIOCHEMICAL MESSENGERS

SPECIFICITY	UNIT	CAT. NO.
Cyclic AMP-HRP	0.5ml	HRP9371

## METABOLIC END PRODUCTS

SPECIFICITY	UNIT	CAT. NO.
Creatinine-HRP	0.5ml	HRP9200

# HUMAN RECOMBINANT PROTEINS

ALL RANDOX RECOMBINANT PROTEINS ARE FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC PURPOSES. RANDOX RECOMBINANT PROTEINS ARE SUPPLIED CARRIER FREE.

PRODUCT DESCRIPTION	PACK SIZE	CAT. NO.
I4-3-3-GAMMA (I4-3-3-γ) (Western Blot Control)	10μg	RCP9370
I4-3-3-GAMMA (I4-3-3-γ)	10μg 100μg 1mg	RCP9371 RCP9372 RCP9373
ADIPONECTIN (Western Blot Control)	10μg	RCP9081
ADIPONECTIN	10μg 100μg 1mg	RCP9082 RCP9083 RCP9160
A DISINTEGRIN AND METALLOPROTEINASE DOMAIN 10 (ADAM 10) (Western Blot Control)	10μg	RCP9382
A DISINTEGRIN AND METALLOPROTEINASE DOMAIN 10 (ADAM 10)	10μg 100μg 1mg	RCP9383 RCP9384 RCP9385
A DISINTEGRIN AND METALLOPROTEINASE DOMAIN 12 S ISOFORM (ADAM 12S) (Western Blot Control)	10μg	RCP9039
A DISINTEGRIN AND METALLOPROTEINASE DOMAIN 12 S ISOFORM (ADAM 12S)	10μg 100μg 1mg	RCP9040 RCP9041 RCP9146
BlaR-1C-TERMINAL FRAGMENT (Western Blot Control)	10μg	RCP9502
BlaR-1C-TERMINAL FRAGMENT	10μg 100μg 1mg	RCP9503 RCP9504 RCP9505
CARBONIC ANHYDRASE III (MUSCLE) (CA III) (Western Blot Control)	10μg	RCP9200
CARBONIC ANHYDRASE III (MUSCLE) (CA III)	10μg 100μg 1mg	RCP9201 RCP9202 RCP9100
sCD40-L (Western Blot Control)	10μg	RCP9426
sCD40-L	10μg 100μg 1mg	RCP9427 RCP9428 RCP9429
C-REACTIVE PROTEIN (CRP) (Western Blot Control)	10μg	RCP9293
C-REACTIVE PROTEIN (CRP)	10μg 100μg 1mg	RCP9294 RCP9295 RCP9131
CYCLIN-DEPENDENT KINASE INHIBITOR 1A/p21 (Western Blot Control)	10μg	RCP9474
CYCLIN-DEPENDENT KINASE INHIBITOR 1A/p21	10μg 100μg 1mg	RCP9475 RCP9476 RCP9477
CYCLIN-DEPENDENT KINASE 4 (CDK4) (Western Blot Control)	10μg	RCP9233
CYCLIN-DEPENDENT KINASE 4 (CDK4)	10μg 100μg 1mg	RCP9234 RCP9235 RCP9111
CYSTATIN C (Western Blot Control)	10μg	RCP9434
CYSTATIN C	10μg 100μg 1mg	RCP9435 RCP9436 RCP9437
CYTOKERATIN-18 (CK18) (Western Blot Control)	10μg	RCP9215
CYTOKERATIN-18 (CK18)	10μg 100μg 1mg	RCP9216 RCP9217 RCP9105
EOTAXIN (Western Blot Control)	10μg	RCP9048
EOTAXIN	10μg 100μg 1mg	RCP9049 RCP9050 RCP9149

for further information go to [www.randox-lifesciences.com](http://www.randox-lifesciences.com)

## HUMAN RECOMBINANT PROTEINS (CONTINUED)

PRODUCT DESCRIPTION	PACK SIZE	CAT. NO.
E-SELECTIN (Western Blot Control)	10µg	RCP9254
E-SELECTIN	10µg 100µg 1mg	RCP9255 RCP9256 RCP9118
FRACTALKINE (Western Blot Control)	10µg	RCP9430
FRACTALKINE	10µg 100µg 1mg	RCP9431 RCP9432 RCP9433
FATTY ACID BINDING PROTEIN (A-FABP) (ADIPOCYTE) (Western Blot Control)	10µg	RCP9332
FATTY ACID BINDING PROTEIN (A-FABP) (ADIPOCYTE)	10µg 100µg 1mg	RCP9333 RCP9334 RCP9335
FATTY ACID BINDING PROTEIN (B-FABP) (BRAIN) (Western Blot Control)	10µg	RCP9312
FATTY ACID BINDING PROTEIN (B-FABP) (BRAIN)	10µg 100µg 1mg	RCP9313 RCP9314 RCP9315
FATTY ACID BINDING PROTEIN (E-FABP) (EPIDERMAL) (Western Blot Control)	10µg	RCP9340
FATTY ACID BINDING PROTEIN (E-FABP) (EPIDERMAL)	10µg 100µg 1mg	RCP9341 RCP9342 RCP9343
FATTY ACID BINDING PROTEIN (I-FABP) (ILEAL) (Western Blot Control)	10µg	RCP9344
FATTY ACID BINDING PROTEIN (I-FABP) (ILEAL)	10µg 100µg 1mg	RCP9345 RCP9346 RCP9347
FATTY ACID BINDING PROTEIN (I-FABP) (INTESTINAL) (Western Blot Control)	10µg	RCP9328
FATTY ACID BINDING PROTEIN (I-FABP) (INTESTINAL)	10µg 100µg 1mg	RCP9329 RCP9330 RCP9331
FATTY ACID BINDING PROTEIN (L-FABP) (LIVER) (Western Blot Control)	10µg	RCP9324
FATTY ACID BINDING PROTEIN (L-FABP) (LIVER)	10µg 100µg 1mg	RCP9325 RCP9326 RCP9327
FATTY ACID BINDING PROTEIN (FABP) (MUSCLE AND HEART) (Western Blot Control)	10µg	RCP9203
FATTY ACID BINDING PROTEIN (FABP) (MUSCLE AND HEART)	10µg 100µg 1mg	RCP9204 RCP9205 RCP9101
FATTY ACID BINDING PROTEIN (M-FABP) (MYELIN) (Western Blot Control)	10µg	RCP9336
FATTY ACID BINDING PROTEIN (M-FABP) (MYELIN)	10µg 100µg 1mg	RCP9337 RCP9338 RCP9339
GAMMA HYDROXYBUTYRATE CoA TRANSFERASE (Western Blot Control)	10µg	RCP9494
GAMMA HYDROXYBUTYRATE CoA TRANSFERASE	10µg 100µg 1mg	RCP9495 RCP9496 RCP9497
GLUTATHIONE S-TRANSFERASE OMEGA 1wt (GSTO1 140 A) (Western Blot Control)	10µg	RCP9189
GLUTATHIONE S-TRANSFERASE OMEGA 1wt (GSTO1 140 A)	10µg 100µg 1mg	RCP9190 RCP9191 RCP9192
GLUTATHIONE S-TRANSFERASE OMEGA 1mut (GSTO1 140 D) (Western Blot Control)	10µg	RCP9193
GLUTATHIONE S-TRANSFERASE OMEGA 1mut (GSTO1 140 D)	10µg 100µg 1mg	RCP9194 RCP9195 RCP9196

## HUMAN RECOMBINANT PROTEINS (CONTINUED)

PRODUCT DESCRIPTION	PACK SIZE	CAT. NO.
GRANULOCYTE COLONY STIMULATING FACTOR (G-CSF) (Western Blot Control)	10µg	RCP9072
GRANULOCYTE COLONY STIMULATING FACTOR (G-CSF)	10µg 100µg 1mg	RCP9073 RCP9074 RCP9157
GRANULOCYTE MACROPHAGE COLONY STIMULATING FACTOR (GM-CSF) (Western Blot Control)	10µg	RCP9018
GRANULOCYTE MACROPHAGE COLONY STIMULATING FACTOR (GM-CSF)	10µg 100µg 1mg	RCP9019 RCP9020 RCP9139
HAPTOGLOBIN β CHAIN (Western Blot Control)	10µg	RCP9185
HAPTOGLOBIN β CHAIN	10µg 100µg 1mg	RCP9186 RCP9187 RCP9188
HEPATOCTE GROWTH FACTOR-A (Western Blot Control)	10µg	RCP9446
HEPATOCTE GROWTH FACTOR-A	10µg 100µg 1mg	RCP9447 RCP9448 RCP9449
HEPATOCTE GROWTH FACTOR-B (Western Blot Control)	10µg	RCP9450
HEPATOCTE GROWTH FACTOR-B	10µg 1mg 100µg	RCP9451 RCP9452 RCP9453
HUMAN CHORIONIC GONADOTROPIN (βhCG) (Western Blot Control)	10µg	RCP9478
HUMAN CHORIONIC GONADOTROPIN (βhCG)	10µg 100µg 1mg	RCP9479 RCP9480 RCP9481
INTERFERON GAMMA (INFγ) (Western Blot Control)	10µg	RCP9060
INTERFERON GAMMA (INFγ)	10µg 100µg 1mg	RCP9061 RCP9062 RCP9153
INHIBIN A (Western Blot Control)	10µg	RCP9354
INHIBIN A	10µg 100µg 1mg	RCP9355 RCP9356 RCP9357
INHIBIN α (Western Blot Control)	10µg	RCP9027
INHIBIN α	10µg 100µg 1mg	RCP9028 RCP9029 RCP9142
INHIBIN β <sub>A</sub> (Western Blot Control)	10µg	RCP9030
INHIBIN β <sub>A</sub>	10µg 100µg 1mg	RCP9031 RCP9032 RCP9143
INTEGRIN-LINKED KINASE (ILK-1) (Western Blot Control)	10µg	RCP9197
INTEGRIN-LINKED KINASE (ILK-1)	10µg 100µg 1mg	RCP9198 RCP9199 RCP9299
INTERCELLULAR ADHESION MOLECULE-1 (ICAM-1) (Western Blot Control)	10µg	RCP9242
INTERCELLULAR ADHESION MOLECULE-1 (ICAM-1)	10µg 100µg 1mg	RCP9243 RCP9244 RCP9114
INTERLEUKIN-1 RECEPTOR ANTAGONIST (IL1-Ra) (Western Blot Control)	10µg	RCP9051

## HUMAN RECOMBINANT PROTEINS (CONTINUED)

PRODUCT DESCRIPTION	PACK SIZE	CAT. NO.
INTERLEUKIN-1 RECEPTOR ANTAGONIST (IL1-Ra)	10µg 100µg 1mg	RCP9052 RCP9053 RCP9150
INTERLEUKIN-1 ALPHA (IL-1α) (Western Blot Control)	10µg	RCP9284
INTERLEUKIN-1 ALPHA (IL-1α)	10µg 100µg 1mg	RCP9285 RCP9286 RCP9128
INTERLEUKIN-1 BETA (IL-1β) (Western Blot Control)	10µg	RCP9287
INTERLEUKIN-1 BETA (IL-1β)	10µg 100µg 1mg	RCP9288 RCP9289 RCP9129
INTERLEUKIN-2 (IL-2) (Western Blot Control)	10µg	RCP9257
INTERLEUKIN-2 (IL-2)	10µg 100µg 1mg	RCP9258 RCP9259 RCP9119
INTERLEUKIN-2 RECEPTOR ALPHA (IL-2 Rα) (Western Blot Control)	10µg	RCP9173
INTERLEUKIN-2 RECEPTOR ALPHA (IL-2 Rα)	10µg 100µg 1mg	RCP9174 RCP9175 RCP9176
INTERLEUKIN-3 (IL-3) (Western Blot Control)	10µg	RCP9000
INTERLEUKIN-3 (IL-3)	10µg 100µg 1mg	RCP9001 RCP9002 RCP9133
INTERLEUKIN-4 (IL-4) (Western Blot Control)	10µg	RCP9260
INTERLEUKIN-4 (IL-4)	10µg 100µg 1mg	RCP9261 RCP9262 RCP9120
INTERLEUKIN-6 (IL-6) (Western Blot Control)	10µg	RCP9296
INTERLEUKIN-6 (IL-6)	10µg 100µg 1mg	RCP9297 RCP9298 RCP9132
INTERLEUKIN-6 SOLUBLE RECEPTOR (IL-6sR) (Western Blot Control)	10µg	RCP9177
INTERLEUKIN-6 SOLUBLE RECEPTOR (IL-6sR)	10µg 100µg 1mg	RCP9178 RCP9179 RCP9180
INTERLEUKIN-7 (IL-7) (Western Blot Control)	10µg	RCP9006
INTERLEUKIN-7 (IL-7)	10µg 100µg 1mg	RCP9007 RCP9008 RCP9135
INTERLEUKIN-8 (IL-8) (Western Blot Control)	10µg	RCP9275
INTERLEUKIN-8 (IL-8)	10µg 100µg 1mg	RCP9276 RCP9277 RCP9125
INTERLEUKIN-10 (IL-10) (Western Blot Control)	10µg	RCP9069
INTERLEUKIN-10 (IL-10)	10µg 100µg 1mg	RCP9070 RCP9071 RCP9156
INTERLEUKIN-12Ap35 (IL-12A) (Western Blot Control)	10µg	RCP9263
INTERLEUKIN-12Ap35 (IL-12A)	10µg 100µg 1mg	RCP9264 RCP9265 RCP9121
INTERLEUKIN - 12Bp40 (IL-12B) (Western Blot Control)	10µg	RCP9266

## HUMAN RECOMBINANT PROTEINS (CONTINUED)

PRODUCT DESCRIPTION	PACK SIZE	CAT. NO.
INTERLEUKIN-12Bp40 (IL-12B)	10µg 100µg 1mg	RCP9267 RCP9268 RCP9122
INTERLEUKIN-13 (IL-13) (Western Blot Control)	10µg	RCP9009
INTERLEUKIN-13 (IL-13)	10µg 100µg 1mg	RCP9010 RCP9011 RCP9136
INTERLEUKIN-15 (IL-15) (Western Blot Control)	10µg	RCP9012
INTERLEUKIN-15 (IL-15)	10µg 100µg 1mg	RCP9013 RCP9014 RCP9137
INTERLEUKIN-17 (IL-17) (Western Blot Control)	10µg	RCP9398
INTERLEUKIN-17 (IL-17)	10µg 100µg 1mg	RCP9399 RCP9400 RCP9401
INTERLEUKIN-18 (IL-18) (Western Blot Control)	10µg	RCP9042
INTERLEUKIN-18 (IL-18)	10µg 100µg 1mg	RCP9043 RCP9044 RCP9147
INTERLEUKIN-33 (IL-33) (Western Blot Control)	10µg	RCP9414
INTERLEUKIN-33 (IL-33)	10µg 100µg 1mg	RCP9415 RCP9416 RCP9417
INTERLEUKIN-35 (IL-35) (Western Blot Control)	10µg	RCP9418
INTERLEUKIN-35 (IL-35)	10µg 100µg 1mg	RCP9419 RCP9420 RCP9421
INTERFERON INDUCIBLE PROTEIN (IP-10) (Western Blot Control)	10µg	RCP9054
INTERFERON INDUCIBLE PROTEIN (IP-10)	10µg 100µg 1mg	RCP9055 RCP9056 RCP9151
KALLIKREIN-6 (KLK-6) (Western Blot Control)	10µg	RCP9482
KALLIKREIN-6 (KLK-6)	10µg 100µg 1mg	RCP9483 RCP9484 RCP9485
L-SELECTIN (Western Blot Control)	10µg	RCP9251
L-SELECTIN	10µg 100µg 1mg	RCP9252 RCP9253 RCP9117
LIPOPROTEIN-ASSOCIATED PHOSPHOLIPASE A2 (LP-PLA2) (Western Blot Control)	10µg	RCP9438
LIPOPROTEIN-ASSOCIATED PHOSPHOLIPASE A2 (LP-PLA2)	10µg 100µg 1mg	RCP9439 RCP9440 RCP9441
M2 PYRUVATE KINASE TUMOUR TYPE (M2PK) (Western Blot Control)	10µg	RCP9212
M2 PYRUVATE KINASE TUMOUR TYPE (M2PK)	10µg 100µg 1mg	RCP9213 RCP9214 RCP9104
MACROPHAGE INFLAMMATORY PROTEIN -1 ALPHA (MIP-1α) (Western Blot Control)	10µg	RCP9021
MACROPHAGE INFLAMMATORY PROTEIN -1 ALPHA (MIP-1α)	10µg 100µg 1mg	RCP9022 RCP9023 RCP9140
MATRIX METALLOPROTEINASE-9 CATALYTIC DOMAIN (MMP-9) (Western Blot Control)	10µg	RCP9308

for further information go to [www.randox-lifesciences.com](http://www.randox-lifesciences.com)

## HUMAN RECOMBINANT PROTEINS (CONTINUED)

PRODUCT DESCRIPTION	PACK SIZE	CAT. NO.
MATRIX METALLOPROTEINASE-9 CATALYTIC DOMAIN (MMP-9)	10µg 100µg 1mg	RCP9309 RCP9310 RCP9311
MATRIX METALLOPROTEINASE-9PRO (MMP-9PRO) (Western Blot Control)	10µg	RCP9378
MATRIX METALLOPROTEINASE-9PRO (MMP-9PRO)	10µg 100µg 1mg	RCP9379 RCP9380 RCP9381
MIGRATION INHIBITORY FACTOR (MIF) (Western Blot Control)	10µg	RCP9442
MIGRATION INHIBITORY FACTOR (MIF)	10µg 100µg 1mg	RCP9443 RCP9444 RCP9445
MITOCHONDRIAL GLYCEROL-3-PHOSPHATE DEHYDROGENASE (mGPD) (Western Blot Control)	10µg	RCP9300
MITOCHONDRIAL GLYCEROL-3-PHOSPHATE DEHYDROGENASE (mGPD)	10µg 100µg 1mg	RCP9301 RCP9302 RCP9303
MONOAMINE OXIDASE B (MAO-B) (Western Blot Control)	10µg	RCP9304
MONOAMINE OXIDASE B (MAO-B)	10µg 100µg 1mg	RCP9305 RCP9306 RCP9307
MONOCYTE CHEMOTACTIC PROTEIN 1 (MCP-1) (Western Blot Control)	10µg	RCP9093
MONOCYTE CHEMOTACTIC PROTEIN 1 (MCP-1)	10µg 100µg 1mg	RCP9094 RCP9095 RCP9164
MYOGLOBIN (Western Blot Control)	10µg	RCP9230
MYOGLOBIN	10µg 100µg 1mg	RCP9231 RCP9232 RCP9110
NEURONAL SPECIFIC ENOLASE (NSE) (Western Blot Control)	10µg	RCP9278
NEURONAL SPECIFIC ENOLASE (NSE)	10µg 100µg 1mg	RCP9279 RCP9280 RCP9126
NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN (NGAL) (Western Blot Control)	10µg	RCP9209
NEUTROPHIL GELATINASE-ASSOCIATED LIPOCALIN (NGAL)	10µg 100µg 1mg	RCP9210 RCP9211 RCP9103
OSTEONECTIN (Western Blot Control)	10µg	RCP9498
OSTEONECTIN	10µg 100µg 1mg	RCP9499 RCP9500 RCP9501
PARAOXONASE 1 (PON-1) (Western Blot Control)	10µg	RCP9224
PARAOXONASE 1 (PON-1)	10µg 100µg 1mg	RCP9225 RCP9226 RCP9108
PARAOXONASE 2 (PON-2) (Western Blot Control)	10µg	RCP9227
PARAOXONASE 2 (PON-2)	10µg 100µg 1mg	RCP9228 RCP9229 RCP9109
PENICILLIN BINDING PROTEIN 2X (Western Blot Control)	10µg	RCP9490
PENICILLIN BINDING PROTEIN 2X	10µg 100µg 1mg	RCP9491 RCP9492 RCP9493
PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR GAMMA (PPARγ) (Western Blot Control)	10µg	RCP9206

## HUMAN RECOMBINANT PROTEINS (CONTINUED)

PRODUCT DESCRIPTION	PACK SIZE	CAT. NO.
PEROXISOME PROLIFERATOR-ACTIVATED RECEPTOR GAMMA (PPAR $\gamma$ )	10 $\mu$ g 100 $\mu$ g 1mg	RCP9207 RCP9208 RCP9102
PLASMINOGEN ACTIVATOR INHIBITOR 1 (PAI-1) (Western Blot Control)	10 $\mu$ g	RCP9090
PLASMINOGEN ACTIVATOR INHIBITOR 1 (PAI-1)	10 $\mu$ g 100 $\mu$ g 1mg	RCP9091 RCP9092 RCP9163
PLATELET-DERIVED GROWTH FACTOR A (PDGF-A) (Western Blot Control)	10 $\mu$ g	RCP9269
PLATELET-DERIVED GROWTH FACTOR A (PDGF-A)	10 $\mu$ g 100 $\mu$ g 1mg	RCP9270 RCP9271 RCP9123
PLATELET-DERIVED GROWTH FACTOR B (PDGF-B) (Western Blot Control)	10 $\mu$ g	RCP9272
PLATELET-DERIVED GROWTH FACTOR B (PDGF-B)	10 $\mu$ g 100 $\mu$ g 1mg	RCP9273 RCP9274 RCP9124
PREGNANCY-ASSOCIATED PLASMA PROTEIN-1 (PAPP-A) (Western Blot Control)	10 $\mu$ g	RCP9036
PREGNANCY-ASSOCIATED PLASMA PROTEIN-1 (PAPP-A)	10 $\mu$ g 100 $\mu$ g 1mg	RCP9037 RCP9038 RCP9145
PROCALCITONIN (PCT) (Western Blot Control)	10 $\mu$ g	RCP9063
PROCALCITONIN (PCT)	10 $\mu$ g 100 $\mu$ g 1mg	RCP9064 RCP9065 RCP9154
PROLACTIN (Western Blot Control)	10 $\mu$ g	RCP9290
PROLACTIN	10 $\mu$ g 100 $\mu$ g 1mg	RCP9291 RCP9292 RCP9130
P-SELECTIN (Western Blot Control)	10 $\mu$ g	RCP9248
P-SELECTIN	10 $\mu$ g 100 $\mu$ g 1mg	RCP9249 RCP9250 RCP9116
RANTES (Western Blot Control)	10 $\mu$ g	RCP9045
RANTES	10 $\mu$ g 100 $\mu$ g 1mg	RCP9046 RCP9047 RCP9148
RESISTIN (Western Blot Control)	10 $\mu$ g	RCP9084
RESISTIN	10 $\mu$ g 100 $\mu$ g 1mg	RCP9085 RCP9086 RCP9161
RETINOL BINDING PROTEIN (RBP) (Western Blot Control)	10 $\mu$ g	RCP9078
RETINOL BINDING PROTEIN (RBP)	10 $\mu$ g 100 $\mu$ g 1mg	RCP9079 RCP9080 RCP9159
S100A10 (Western Blot Control)	10 $\mu$ g	RCP9218
S100A10	10 $\mu$ g 100 $\mu$ g 1mg	RCP9219 RCP9220 RCP9106
S100A11 (Western Blot Control)	10 $\mu$ g	RCP9221
S100A11	10 $\mu$ g 100 $\mu$ g 1mg	RCP9222 RCP9223 RCP9107
S100 B CHAIN (S100B) (Western Blot Control)	10 $\mu$ g	RCP9281

for further information go to [www.randox-lifesciences.com](http://www.randox-lifesciences.com)

## HUMAN RECOMBINANT PROTEINS (CONTINUED)

PRODUCT DESCRIPTION	PACK SIZE	CAT. NO.
S100 B CHAIN (S100B)	10µg 100µg 1mg	RCP9282 RCP9283 RCP9127
SOLUBLE TUMOUR NECROSIS FACTOR RECEPTOR-1 (sTNFR1) (Western Blot Control)	10µg	RCP9096
SOLUBLE TUMOUR NECROSIS FACTOR RECEPTOR-1 (sTNFR1)	10µg 100µg 1mg	RCP9097 RCP9098 RCP9099
SOLUBLE TUMOUR NECROSIS FACTOR RECEPTOR-2 (sTNFR2) (Western Blot Control)	10µg	RCP9165
SOLUBLE TUMOUR NECROSIS FACTOR RECEPTOR-2 (sTNFR2)	10µg 100µg 1mg	RCP9166 RCP9167 RCP9168
SOLUBLE TRIGGERING RECEPTOR EXPRESSED ON MYELOID CELLS -1 (sTREM-1) (Western Blot Control)	10µg	RCP9181
SOLUBLE TRIGGERING RECEPTOR EXPRESSED ON MYELOID CELLS -1 (sTREM-1)	10µg 100µg 1mg	RCP9182 RCP9183 RCP9184
ST-2 (Western Blot Control)	10µg	RCP9386
ST-2	10µg 100µg 1mg	RCP9387 RCP9388 RCP9389
TISSUE FACTOR (Western Blot Control)	10µg	RCP9422
TISSUE FACTOR	10µg 100µg 1mg	RCP9423 RCP9424 RCP9425
TISSUE INHIBITOR OF METALLOPROTEINASE 1 (TIMP-1) (Western Blot Control)	10µg	RCP9169
TISSUE INHIBITOR OF METALLOPROTEINASE 1 (TIMP-1)	10µg 100µg 1mg	RCP9170 RCP9171 RCP9172
TRANSFORMING GROWTH FACTOR BETA - 1 (TGF β-1) (Western Blot Control)	10µg	RCP9394
TRANSFORMING GROWTH FACTOR BETA - 1 (TGF β-1)	10µg 100µg 1mg	RCP9395 RCP9396 RCP9397
TROPOMYOSIN 1 VARIANT 3 (Western Blot Control)	10µg	RCP9350
TROPOMYOSIN 1 VARIANT 3	10µg 100µg 1mg	RCP9351 RCP9352 RCP9353
TUMOUR NECROSIS FACTOR ALPHA (TNFα) (Western Blot Control)	10µg	RCP9057
TUMOUR NECROSIS FACTOR ALPHA (TNFα)	10µg 100µg 1mg	RCP9058 RCP9059 RCP9152
TUMOUR NECROSIS FACTOR BETA (TNFβ) (Western Blot Control)	10µg	RCP9236
TUMOUR NECROSIS FACTOR BETA (TNFβ)	10µg 100µg 1mg	RCP9237 RCP9238 RCP9112
VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF) (Western Blot Control)	10µg	RCP9245
VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF)	10µg 100µg 1mg	RCP9246 RCP9247 RCP9115
VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR-1 (VEGFR-1) (Western Blot Control)	10µg	RCP9015
VASCULAR ENDOTHELIAL GROWTH FACTOR RECEPTOR-1 (VEGFR-1)	10µg 100µg 1mg	RCP9016 RCP9017 RCP9138
VASCULAR CELL ADHESION MOLECULE-1 (VCAM-1) (Western Blot Control)	10µg	RCP9239

## HUMAN RECOMBINANT PROTEINS (CONTINUED)

PRODUCT DESCRIPTION	PACK SIZE	CAT. NO.
VASCULAR CELL ADHESION MOLECULE-1 (VCAM-1)	10µg 100µg 1mg	RCP9240 RCP9241 RCP9113
VASCULAR CELL ADHESION MOLECULE-1 (VCAM-1 FRAGMENT) (Western Blot Control)	10µg	RCP9075
VASCULAR CELL ADHESION MOLECULE-1 (VCAM-1 FRAGMENT)	10µg 100µg 1mg	RCP9076 RCP9077 RCP9158
VISFATIN (Western Blot Control)	10µg	RCP9087
VISFATIN	10µg 100µg 1mg	RCP9088 RCP9089 RCP9162

# BUFFERS/REAGENTS/ACCESSORIES

PRODUCT DESCRIPTION	PACK SIZE	CAT. NO.
ELISA Coating Buffer (x20)	30ml	RLS9200
ELISA Blocking Buffer (x5)	30ml	RLS9201
ELISA Blocking Buffer Plus	30ml	RLS9202
ELISA Assay Diluent (competitive)	100ml	RLS9203
ELISA Assay Diluent Plus (competitive)	100ml	RLS9204
ELISA Assay Diluent (sandwich)	100ml	RLS9205
ELISA Assay Diluent Plus (sandwich)	30ml	RLS9206
Conjugate Diluent	100ml	RLS9207
Conjugate Diluent (Low MW hapten conjugates)	100ml	RLS9208
Conjugate Diluent Plus (Low MW hapten conjugates)	100ml	RLS9209
Conjugate Stabilising Buffer (Low MW hapten conjugates)	100ml	RLS9210
Conjugate Stabilising Buffer Plus (Low MW hapten conjugates)	100ml	RLS9211
Conjugate Stabilising Buffer Plus	100ml	RLS9212
Wash Buffer Solution (Conc.)	32ml	RLS9213
Calibrator Diluent (protein free)	100ml	RLS9214
Calibrator Diluent (low protein base)	100ml	RLS9215
Calibrator Diluent (high protein base)	100ml	RLS9216
TMB Substrate	15ml	RLS9217
Stop Solution	15ml	RLS9218

# ELISA AND IMMUNOAFFINITY COLUMNS

PRODUCT DESCRIPTION	METHOD	SIZE	CAT. NO.
AHD	ELISA	96T	NF3463
AMOZ	ELISA	96T	NF3462
AOZ	ELISA	96T	NF3465
BETA-AGONIST	ELISA	96T	SU2148
BETA-LACTAM	ELISA	96T	BL3448
BETA-LACTAM STANDARD		12x5	BL1371
BOLDENONE	ELISA	96T	BD2382
CHLORAMPHENICOL	ELISA	96T	CN1469
CLENBUTEROL/BROMBUTEROL	ELISA	96T	CB1418
CLENBUTEROL/BETA-AGONIST		5 COLUMNS	CB2184
CLENBUTEROL URINE CONTROLS		10x0.5	CB3449
CORTICOSTEROID	ELISA	96T	DM2156
CORTICOSTEROID		5 COLUMNS	DM2185
FLUNIXIN	ELISA	96T	FL3458
FLUMEQUINE	ELISA	96T	FQ3460
GROWTH PROMOTERS IMMUNOAFFINITY COLUMN		5 COLUMNS	GP1821
KETAMINE	ELISA	96T	KT3459
LEUCOMALACHITE GREEN	ELISA	96T	LMG3466
NITROFURANS ACCESSORY KIT		384T	NF3464
NORTESTOSTERONE/TRENBOLONE	ELISA	96T	NT2105
QUINOLONES	ELISA	96T	QL3454
RACTOPAMINE	ELISA	96T	RT3451
SALVINORIN A	ELISA	96T	SA3470
SEM	ELISA	96T	NF3461
STANZOLOL	ELISA	96T	SW2418
STILBENE	ELISA	96T	SJ2152
STILBENE		5 COLUMNS	SJ2154
STREPTOMYCIN	ELISA	96T	STP3468
SULPHADIAZINE	ELISA	96T	SZ2147
SULPHAMETHAZINE	ELISA	96T	SM2146
SULPHAMETHOXAZOLE	ELISA	96T	SZ3471
SULPHAQUINOXALINE	ELISA	96T	SQ2145
TRENBOLONE	ELISA	96T	TB2106
TRENBOLONE AND NORTESTOSTERONE		5 COLUMNS	TB2186
VON WILLEBRAND FACTOR	ELISA	96T	VW3457
ZERANOL	ELISA	96T	ZR2421
ZERANOL		5 COLUMNS	ZR2420



## Custom Manufacturing Services

Radox Life Sciences provide a broad range of bacterial protein expression services; a complete solution for your research needs which can be tailored to help you overcome your cloning and protein expression needs.



Our protein expression services include:

- Bioinformatic analysis and domain selection
- Subclone plasmid/construct expression vectors
- Sequence analysis and verification
- Bacterial cell transformation and clone preparation
- Protein expression and purification
- Optimisation of expression and purification conditions
- Quality control report
- Scale up production
- Protein Characterisation

Your project manager at Radox Life Sciences will work with you in developing the best strategy to achieve your protein expression needs whilst using the most cost effective processes available. With extensive experience our scientists have been producing human recombinant proteins that are employed in our own in house diagnostic kits.

Order online

[www.radox-lifesciences.com](http://www.radox-lifesciences.com)

**RANDOX**  
LIFE SCIENCES

Radox Life Sciences, 55 Diamond Road, Crumlin, County Antrim, BT29 4QY, United Kingdom  
T +44 (0) 28 9442 2413 F +44 (0) 28 9445 2912 E [lifesciences@radox.com](mailto:lifesciences@radox.com) I [www.radox-lifesciences.com](http://www.radox-lifesciences.com)

Information correct at time of print. All Radox products are made in the UK.

Radox Laboratories Limited is a company registered within Northern Ireland with company number NI. 15738. VAT Registered Number: GB 353 030 400. Product availability may vary from country to country. Please contact your local Radox representative for information.

