

Section (6)

# Recombinant Proteins and Polyclonal Antibodies

# POLYCLONAL ANTIBODIES

## General Specification

<b>Host Animal:</b>	Sheep
<b>Format:</b>	Ig fraction prepared by caprylic acid and ammonium sulphate precipitation procedures
<b>pH:</b>	7.2
<b>Buffer:</b>	20mM Phosphate, 150mM Sodium Chloride
<b>Preservative:</b>	0.09% Sodium Azide
<b>Storage:</b>	2-8°C. May be frozen at less than -20°C

## DRUGS OF ABUSE

### BARBITUATES

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
PHENOBARBITAL	Phenobarbital(m/p)-BSA	1ml	PAS9568
	Phenobarbital(N)-BSA	1ml	PAS9569
SECOBARBITAL	Secobarbital(5)-BSA	1ml	PAS9578

### BENZODIAZEPINES

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
LORAZEPAM	Lorazepam(3)-BSA	1ml	PAS9534
NITRAZEPAM	Nitrazepam(7)-BSA	1ml	PAS9612
NORDIAZEPAM	Nordiazepam-BSA	1ml	PAS9554
OXAZEPAM	Oxazepam(N)-BSA	1ml	PAS9559
	Oxazepam(3)-BSA	1ml	PAS9560
TEMAZEPAM	Temazepam(3)-BSA	1ml	PAS9592

### HALLUCINOGENS

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
LYSERGIC ACID DIETHYLAMIDE (LSD)	LSD(1)-BSA	1ml	PAS9535
LSD/Nor-LSD	LSD(8)-BSA	1ml	PAS9536
PHENCYCLIDINE (PCP)	PCP(m/p)-linker-BSA	1ml	PAS9564
	PCP(cyclohexyl,4)-BSA	1ml	PAS9566
	PCP(m/p)-BSA	1ml	PAS9565
	PCP(piperidyl,4)-BSA	1ml	PAS9563
TETRAHYDROCANNABINOL (THC)	$\Delta^8$ -THC-COOH-BSA	1ml	PAS9600
	$\Delta^9$ -THC-COOH-BSA	1ml	PAS9599
	THC(9)-BSA	1ml	PAS9601

### OPIATES

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
BUPRENORPHINE	Buprenorphine(3)-BSA	1ml	PAS9509
CODEINE	Codeine(6)-BSA	1ml	PAS9516
FENTANYL	Fentanyl(p)-BSA	1ml	PAS9525
FENTANYL/DESPROPIONYL FENTANYL	Fentanyl-BSA	1ml	PAS9526
LEVO-ALPHA-ACETYLMETHADOL (LAAM)	LAAM(p)-BSA	1ml	PAS9532
METHADONE	Methadone(p)-BSA	1ml	PAS9540
	Methadone-BSA	1ml	PAS9541
METHADONE/METHADOL	Methadol-BSA	1ml	PAS9542
MORPHINE	Morphine(3)-BSA	1ml	PAS9550
	Morphine(6)-BSA	1ml	PAS9551
OXYCODONE	Oxycodone(N)-BSA	1ml	PAS9562
	Oxycodone(6)-BSA	1ml	PAS9561
PROPOXYPHENE	Propoxyphene-BSA	1ml	PAS9572
PROPOXYPHENE/NORPROPOXYPHENE	Propoxyphene-BSA	1ml	PAS9571

### SEDATIVES

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
METHAQUALONE	Methaqualone(4')-BSA	1ml	PAS9546
	Methaqualone(5')-BSA	1ml	PAS9547
	Methaqualone(6')-BSA	1ml	PAS9548

### STIMULANTS

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
3,4-METHYLENEDIOXYMETHAMPHETAMINE (MDMA)	MDMA(N)-BSA	1ml	PAS9537
AMPHETAMINE	Amphetamine(m)-BSA	1ml	PAS9501

## POLYCLONAL ANTIBODIES (CONTINUED)

### STIMULANTS (continued)

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
COCAINE	Cocaine(p)-BSA	1ml	PAS9515
COCAINE/BENZOYLECGONINE	Benzoyllecgonine(COOH)-BSA	1ml	PAS9502
	Benzoyllecgonine(COOH)-linker-BSA	1ml	PAS9503
METHAMPHETAMINE	Methamphetamine(p-NH <sub>2</sub> )-BSA	1ml	PAS9545
	Methamphetamine(p)-BSA	1ml	PAS9543
	Methamphetamine(N)-BSA	1ml	PAS9544

## ANTIMICROBIAL DRUGS

### SULPHONAMIDES

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
SULPHACHLOROPYRAZINE	Sulphachloropyrazine-BSA	1ml	PAS9580
SULPHADIAZINE	Sulphadiazine-HSA	1ml	PAS9581
SULPHADIMETHOXINE	Sulphadimethoxine-HSA	1ml	PAS9582
SULPHADOXINE	Sulphadoxine-HSA	1ml	PAS9583
SULPHAGUANIDINE	Sulguanidine-HSA	1ml	PAS9584
	Sulguanidine-BSA	1ml	PAS9585
SULPHAMETHAZINE	Sulphamethazine-HSA	1ml	PAS9588
SULPHANILAMIDE	Sulphanilamide-HSA	1ml	PAS9589
SULPHAPYRIDINE	Sulphapyridine-HSA	1ml	PAS9613
SULPHAQUINOXALINE	Sulphaquinoxaline-HSA	1ml	PAS9590
SULPHAMERAZINE	Sulphamerazine-BTG	1ml	PAS9586
	Sulphamerazine-HSA	1ml	PAS9587
SULPHATHIAZOLE	Sulphathiazole-BSA	1ml	PAS9591

### TETRACYCLINES

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
TETRACYCLINE	Tetracycline(4)-BTG	1ml	PAS9597
	Tetracycline(amide)-BSA	1ml	PAS9596

### PHENICOLS

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
CHLORAMPHENICOL	Chloramphenicol-BTG	1ml	PAS9511
THIAMPHENICOL/FLORPHENICOL	Thiamphenicol-BTG	1ml	PAS9602

### B-LACTAMS

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
AMOXYCILLIN, AMPICILLIN AND PENICILLIN	Ampicillin-BSA	1ml	PAS9567

### QUINOLONES

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
GENERIC	Norfloxacin(N)-BSA	1ml	PAS9555

### CEPHALOSPORINS

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
CEFTIOFUR/DESFUROYLCEFTIOFUR	Ceftiofur-BSA	1ml	PAS9510

6

### DYES

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
LEUCOMALACHITE GREEN	Leucomalachite green-BTG	1ml	PAS9533

### AMINOGLYCOSIDES

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
STREPTOMYCIN/DEHYDROSTREPTOMYCIN	Streptomycin-BSA	1ml	PAS9579
VIRGINIAMYCIN	Virginiamycin M-BSA	1ml	PAS9608

## AMINOGLYCOSIDES (continued)

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
NEOMYCIN	Neomycin-BTG	1ml	PAS9553
KANAMYCIN	Kanamycin-BTG	1ml	PAS9531
TOBRAMYCIN	Tobramycin-BSA	1ml	PAS9603

## MACROLIDES

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
TYLOSIN/TILMICOSIN	Tylosin-BSA	1ml	PAS9607

## ANTI-INFLAMMATORY DRUGS

## NSAIDs

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
FLUNIXIN	Flunixin(COOH)-BTG	1ml	PAS9528

## GROWTH PROMOTERS

 $\beta$ -AGONISTS

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
SALBUTAMOL	Salbutamol-BTG	1ml	PAS9576
CLENBUTEROL	Clenbuterol(N)-HSA	1ml	PAS9514
RACTOPAMINE	Ractopamine(10')-BSA Ractopamine(10)-BSA	1ml 1ml	PAS9573 PAS9574
ISOXSUPRINE	Isoxsuprine(p-OH)-BTG	1ml	PAS9530

## STILBENES

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
DIETHYLSTILBESTROL	Diethylstilbestrol(p-OH)-KLH	1ml	PAS9522
DIENESTROL	Dienestrol(p-OH)-KLH	1ml	PAS9521
HEXESTROL	Hexestrol(p-OH)-HSA	1ml	PAS9529

## RESORCYCLIC ACID LACTONE

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
ZERANOL	Zeranol(16')-BTG Zeranol-HSA	1ml 1ml	PAS9609 PAS9610

## CORTICOSTEROIDS

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
DEXAMETHASONE	Dexamethasone(21)-BTG	1ml	PAS9519
FLUMETHASONE	Flumethasone(21)-HSA	1ml	PAS9527

## SYNTHETIC ANDROGENS

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
17 $\beta$ -TRENBOLONE	17 $\beta$ -Trenbolone(17)-HSA	1ml	PAS9606
17 $\alpha$ -TRENBOLONE	17 $\alpha$ -Trenbolone(3)-BTG	1ml	PAS9604
17 $\beta$ -TRENBOLONE	17 $\beta$ -Trenbolone(3)-BTG	1ml	PAS9605
NORTESTOSTERONE	17 $\beta$ -Nortestosterone(17)-BSA	1ml	PAS9504
17 $\alpha$ -NORTESTOSTERONE	17 $\alpha$ -19-Nortestosterone(3)-BTG	1ml	PAS9556
17 $\beta$ -NORTESTOSTERONE	17 $\beta$ -19-Nortestosterone(3)-BTG	1ml	PAS9557
19-NORTESTOSTERONE	19-Nortestosterone(17)-BSA	1ml	PAS9558
METHYLDEHYDROTESTOSTERONE	17 $\alpha$ -Methyldehydrotestosterone(3)-BSA	1ml	PAS9549
BOLDENONE	Boldenone(17)-BSA	1ml	PAS9505
17 $\alpha$ -BOLDENONE	17 $\alpha$ -Boldenone(3)-BTG	1ml	PAS9507

## POLYCLONAL ANTIBODIES (CONTINUED)

### SYNTHETIC ANDROGENS (continued)

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
17b-BOLDENONE	17b-Boldenone(3)-BTG	1ml	PAS9508
STANZOLOL	Stanozolol(17)-BSA	1ml	PAS9611
METHANDRIOL/DHEA	DHEA(17)-BTG	1ml	PAS9520

### SYNTHETIC GESTAGENS

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
MEDROXYPROGESTERONE ACETATE	Medroxyprogesterone acetate(3)-BTG	1ml	PAS9538
CHLORMADINONE ACETATE	Chlormadinone acetate(3)-BTG	1ml	PAS9513
MEGESTROL ACETATE	Megestrol acetate(3)-BTG	1ml	PAS9539

### NATURAL STEROIDS

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
ESTRADIOL	Estradiol(6)-long linker-BSA	1ml	PAS9523
	Estradiol(6)-short linker-BSA	1ml	PAS9524
	Estradiol(3)-BSA	1ml	PAS9614
TESTOSTERONE	Testosterone(3)-long linker-BSA	1ml	PAS9593
	Testosterone(3)-BSA	1ml	PAS9594
	Testosterone(17)-BSA	1ml	PAS9595
PROGESTERONE	Progesterone(11)-BSA	1ml	PAS9570

## BIOCHEMICAL MARKERS

### BIOCHEMICAL MESSENGERS

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
CYCLIC AMP	Cyclic AMP-BSA	1ml	PAS9518

### METABOLIC END PRODUCTS

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
CREATININE	Creatinine(N)-BSA	1ml	PAS9517

### PROTEINS

SPECIFICITY	IMMUNOGEN	UNIT	CAT. NO.
MYOGLOBIN (HUMAN)	Human myoglobin (cardiac)	1ml	PAS9552
SERUM AMYLOID A (SAA, HUMAN)	Human SAA	1ml	PAS9575
S100A10	Recombinant S100A10	1ml	PAS9302
S100A11	Recombinant S100A11	1ml	PAS9305
FATTY ACID BINDING PROTEIN (FABP)	Recombinant FABP	1ml	PAS9308
CARBONIC ANHYDRASE III (CA III)	Recombinant CAIII	1ml	PAS9311
CYCLIN-DEPENDENT KINASE 4 (CDK4)	Recombinant CDK4	1ml	PAS9323
TUMOUR TYPE M2 PYRUVATE KINASE (M2PK)	Recombinant M2PK	1ml	PAS9326
CYTOKERATIN-18 (CK18)	Recombinant CK18	1ml	PAS9329
NEUTROPHIL GELATINASE ASSOCIATE LIPOCALIN (NGAL)	Recombinant NGAL	1ml	PAS9332
HUMAN EPIDERMAL GROWTH FACTOR (EGF)	Human EGF-BSA	1ml	PAS9615