



PRODUCT SPECIFICATION

catalog number:	A25050																												
product description:	Progesterone Monoclonal Antibody																												
lot number:	[lot specific]																												
immunogen:	Progesterone-11-BSA																												
source:	Cell culture supernatant																												
purification method:	Protein A chromatography																												
purity:	>90% by SDS-PAGE																												
buffer:	PBS, pH 7.4																												
preservative:	0.1% NaN ₃																												
isotype:	IgG ₁																												
concentration:	[lot specific] mg/mL																												
affinity constant:	4 X 10 ⁹																												
total protein:	[lot specific] mg/mL																												
cross-reactivity:	<table><tr><td>▪ 11a-OH-4-Pregnene-3,20-Dione</td><td>>100%</td><td>▪ 5b-Pregnanedione</td><td>52.0%</td></tr><tr><td>▪ 5a-Pregnanedione</td><td>37.1%</td><td>▪ 16a-Hydroxy-Prog</td><td>6.3%</td></tr><tr><td>▪ 17a-OH-4-Pregnene-6,20-Dione</td><td>1.8%</td><td>▪ Pregnenolone</td><td>1.1%</td></tr><tr><td>▪ Desoxycorticosterone</td><td>0.47%</td><td>▪ Androstendione</td><td>0.4%</td></tr><tr><td>▪ Androsterone</td><td>0.29%</td><td>▪ Modrol</td><td>0.15%</td></tr><tr><td>▪ Pregnenolone</td><td><1.1%</td><td></td><td></td></tr><tr><td>▪ Aldosterone, Androstenediol, Androstenolone, Cholesterol, Corticosterone, Danazol, 11-Deoxycortisol, Dexamethasone, Esterone, 17a-Estradiol, 17b-Estradiol, Estriol, Etiocholanolone, Medroxy-Prog Acet, Prednisolone, Prednisone, 5b-Pregnanediol, Pregnane, Pregnanolone, 20a-OH-4-Pregnene-3-One, 20b-OH-4-Pregnene-3-One, 20a-OH Prog, 20b-OH Prog, Testosterone</td><td></td><td></td><td><0.2%</td></tr></table>	▪ 11a-OH-4-Pregnene-3,20-Dione	>100%	▪ 5b-Pregnanedione	52.0%	▪ 5a-Pregnanedione	37.1%	▪ 16a-Hydroxy-Prog	6.3%	▪ 17a-OH-4-Pregnene-6,20-Dione	1.8%	▪ Pregnenolone	1.1%	▪ Desoxycorticosterone	0.47%	▪ Androstendione	0.4%	▪ Androsterone	0.29%	▪ Modrol	0.15%	▪ Pregnenolone	<1.1%			▪ Aldosterone, Androstenediol, Androstenolone, Cholesterol, Corticosterone, Danazol, 11-Deoxycortisol, Dexamethasone, Esterone, 17a-Estradiol, 17b-Estradiol, Estriol, Etiocholanolone, Medroxy-Prog Acet, Prednisolone, Prednisone, 5b-Pregnanediol, Pregnane, Pregnanolone, 20a-OH-4-Pregnene-3-One, 20b-OH-4-Pregnene-3-One, 20a-OH Prog, 20b-OH Prog, Testosterone			<0.2%
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expiration date:	[lot specific]																												
storage:	2-8°C																												
hazard/biohazard:	This material contains sodium azide as a preservative; take appropriate precaution. There is no known biohazard associated with this product.																												