



## PRODUCT SPECIFICATION

**CATALOG NUMBER: A54080**

PRODUCT:	Estradiol, human Monoclonal Antibody																		
SOURCE:	Mouse ascites																		
IMMUNOGEN:	Estradiol-6-CMO-BSA																		
FORM:	Protein A purified immunoglobulin																		
PURITY:	>90% by SDS PAGE																		
BUFFER:	10mM phosphate, 150mM sodium chloride, pH 7.4																		
PRESERVATIVE:	0.1% sodium azide																		
AFFINITY CONSTANT:	$1 \times 10^{10}$ l/mol																		
SUBCLASS:	IgG <sub>2a</sub> , Kappa																		
STORAGE CONDITIONS:	2-8°C short term, -40°C long term Avoid repeated freeze/thaw cycles																		
CROSS REACTIVITY:	<table><tr><td>Estriol</td><td>2.3%</td></tr><tr><td>Estrone</td><td>0.17%</td></tr><tr><td>Testosterone</td><td>0.01%</td></tr><tr><td>Androstenedione</td><td>&lt;.005%</td></tr><tr><td>Cortisone</td><td>&lt;.005%</td></tr><tr><td>Progesterone</td><td>&lt;.005%</td></tr><tr><td>Cortisol</td><td>&lt;.005%</td></tr><tr><td>Corticosterone</td><td>&lt;.005%</td></tr><tr><td>17-Beta-Estradiol</td><td>100%</td></tr></table>	Estriol	2.3%	Estrone	0.17%	Testosterone	0.01%	Androstenedione	<.005%	Cortisone	<.005%	Progesterone	<.005%	Cortisol	<.005%	Corticosterone	<.005%	17-Beta-Estradiol	100%
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17-Beta-Estradiol	100%																		
HAZARD/BIOHAZARD:	This material contains sodium azide as a preservative, take appropriate precautions. There is no known biohazard associated with this product.																		