



Anti-Prostaglandin E₂, mouse monoclonal

Catalog Number:	905-628																								
Quantity:	100 µL																								
Immunogen:	PGE ₂																								
Clone:	BG8																								
Isotype:	Not determined																								
How Supplied:	Neat ascites with 0.09% sodium azide																								
Storage:	Store at -20°C when received. Aliquot to avoid repeated freeze/thaw cycles.																								
Intended Use:	As an antibody to measure PGE ₂ . Dilution will depend on immunoassay system. The optimal dilution for a specific application should be determined by the investigator.																								
Cross Reactivity:	<table><thead><tr><th><u>Compound</u></th><th><u>Cross Reactivity %</u></th></tr></thead><tbody><tr><td>Prostaglandin E₂</td><td>(100)</td></tr><tr><td>Prostaglandin E₁</td><td>467</td></tr><tr><td>Prostaglandin E₃</td><td>10</td></tr><tr><td>Prostaglandin F_{1α}</td><td>2.3</td></tr><tr><td>Prostaglandin F_{2α}</td><td>1.8</td></tr><tr><td>6-keto PGF_{1α}</td><td>1.3</td></tr><tr><td>Prostaglandin A₂</td><td>1.1</td></tr><tr><td>Prostaglandin B₁</td><td>1.0</td></tr><tr><td>Thromboxane B₂</td><td>0.08</td></tr><tr><td>13-14-dihydro-15-keto-PGF_{2α}</td><td><0.08</td></tr><tr><td>6-15-keto-13, 14-dihydro-PGF₁</td><td><0.08</td></tr></tbody></table>	<u>Compound</u>	<u>Cross Reactivity %</u>	Prostaglandin E ₂	(100)	Prostaglandin E ₁	467	Prostaglandin E ₃	10	Prostaglandin F _{1α}	2.3	Prostaglandin F _{2α}	1.8	6-keto PGF _{1α}	1.3	Prostaglandin A ₂	1.1	Prostaglandin B ₁	1.0	Thromboxane B ₂	0.08	13-14-dihydro-15-keto-PGF _{2α}	<0.08	6-15-keto-13, 14-dihydro-PGF ₁	<0.08
<u>Compound</u>	<u>Cross Reactivity %</u>																								
Prostaglandin E ₂	(100)																								
Prostaglandin E ₁	467																								
Prostaglandin E ₃	10																								
Prostaglandin F _{1α}	2.3																								
Prostaglandin F _{2α}	1.8																								
6-keto PGF _{1α}	1.3																								
Prostaglandin A ₂	1.1																								
Prostaglandin B ₁	1.0																								
Thromboxane B ₂	0.08																								
13-14-dihydro-15-keto-PGF _{2α}	<0.08																								
6-15-keto-13, 14-dihydro-PGF ₁	<0.08																								

For Research Use Only; Not for Therapeutic or Diagnostic Use.