

Product datasheet for **AM01002PU-N**

17-beta-Estradiol Mouse Monoclonal Antibody [Clone ID: 4S24 (BGN/06/8824)]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4S24 (BGN/06/8824)
Applications:	ELISA
Recommended Dilution:	ELISA: 1/5,000-1/50,000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	17-beta estradiol conjugated to Bovine Serum Albumin at position 6
Specificity:	This antibody recognises 17-beta estradiol. The following cross reactivities have been observed: 17-beta Estradiol: 100% 17-beta Estradiol-BSA: 90% Estriol: < 0.9% Testosterone: < 0.01%
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Should this product contain a precipitate we recommend microcentrifugation before use. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	17-beta estradiol is a mammalian estrogenic hormone, produced in the ovaries, placenta and testis that has a role in normal sexual development and the regulation of the menstrual cycle.



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