

Product datasheet for **BM723**

Testosterone Mouse Monoclonal Antibody [Clone ID: 4E1G2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	4E1G2
Applications:	ELISA, R
Recommended Dilution:	ELISA.
Reactivity:	Broad
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Testosterone conjugated to Bovine Serum Albumin.
Specificity:	This antibody is specific for Testosterone. The following cross reactivities have been observed: Testosterone: 100% 11-beta-hydroxy Testosterone: 3.3% 17-alpha-methyl Testosterone: < 0.1% 5-alpha DHT: 0.8% Oestradiol: < 0.1% Progesterone: < 0.1%
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background:

Testosterone promotes the development and maintenance of male secondary sex characteristics and is produced primarily in the testes. It is also produced in small amounts by the adrenal glands, ovaries and placenta. Synthetic derivatives of testosterone are used therapeutically in the treatment of breast cancer and for hormone replacement therapy.