

Product datasheet for **BM2618**

Cortisol Mouse Monoclonal Antibody [Clone ID: BDI410]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BDI410
Applications:	ELISA
Recommended Dilution:	Suitable for ELISA .
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Cortisol-3 CMO-BgG.

Specificity: This antibody reacts with Cortisol.

Cross Reactivity:

Corticosterone: 45%
Progesterone: 9%
Deoxycortisol: < 2%
Dexamethazone: < 2%
Estrone (E1): < 0.01%
Estriol (E3): < 0.01%
Testosterone: < 0.01%

Formulation: 0.05 M Phosphate, 0.85% Sodium Chloride, pH 7.15
State: Purified
State: Liquid purified Ig fraction
Preservative: 0.05% Sodium Azide

Concentration: lot specific

Purification: Protein A Chromatography

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.
Background:	Cortisol is the most potent glucocorticoid produced by the human adrenal. It is synthesized from cholesterol and its production is stimulated by pituitary adrenocorticotrophic hormone (ACTH) which is regulated by corticotropin releasing factor (CRF). ACTH and CRF secretions are inhibited by high cortisol levels in a negative feedback loop. In plasma a majority of cortisol is bound with high affinity to corticosteroid binding globulin (CBG or transcotin). Cortisol acts through specific intracellular receptors and affects numerous physiologic systems including immune function, glucose counter regulation, vascular tone, and bone metabolism.
Synonyms:	Hydrocortisone