

# Product Datasheet

## Cortisol Antibody (XM210cc) - BSA Free NB200-427

Unit Size: 0.5 mg

Store at 4C. Do not freeze.

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### Publications: 2

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**NB200-427**

Cortisol Antibody (XM210cc) - BSA Free

Product Information	
<b>Unit Size</b>	0.5 mg
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	XM210cc
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG2
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.4)

Product Description	
<b>Description</b>	Novus Biologicals Mouse Cortisol Antibody (XM210cc) - BSA Free (NB200-427) is a monoclonal antibody validated for use in ELISA. Anti-Cortisol Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Reacts with cortisol-BSA conjugate and free cortisol, no cross-reactivity with BSA. Cross-reactivity, % 50% displacement of cortisol-3-125-Iodine: Cortisol (100%), Dexamethasone (20%), 11-Deoxycortisol (0.9%), Prednisolone (5.6%), Corticosterone (0.6%), 11-Deoxycorticosterone (<0.1%), Progesterone (<0.1%), 17-Hydroxyprogesterone (<0.1%), Testosterone, Estradiol, Estriol (<0.1%), Danazol <0.01%.
<b>Immunogen</b>	Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with purified cortisol conjugated with BSA.

Product Application Details	
<b>Applications</b>	ELISA
<b>Recommended Dilutions</b>	ELISA
<b>Application Notes</b>	Detection of cortisol in competitive assay.

**Publications**

Ben Halima H, Zine N, Bausells J et al. A Novel Cortisol Immunosensor Based on a Hafnium Oxide/Silicon Structure for Heart Failure Diagnosis Micromachines 2022-12-16 [PMID: 36557534]

Liu Y, Wu B, Tanyi EK et al. Label-Free Sensitive Detection of Steroid Hormone Cortisol Based on Target-Induced Fluorescence Quenching of Quantum Dots Langmuir 2020-07-14 [PMID: 32545968]





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### **Products Related to NB200-427**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
KGE008B	Cortisol [Biotin]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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