

# Product Datasheet

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

Unit Size: 0.5 mg

Store at 4C. Do not freeze.

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[technical@novusbio.com](mailto:technical@novusbio.com)

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**NB200-427**

Cortisol Antibody (XM210cc) - BSA Free

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

Product Description	
Host	Mouse
Species	Human
Specificity/Sensitivity	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%.
Immunogen	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	
Applications	ELISA
Recommended Dilutions	ELISA
Application Notes	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]





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

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

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NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
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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