

Product Datasheet

Mouse HMGB1/HMG-1 ELISA Kit (Chemiluminescence) NBP2-62782

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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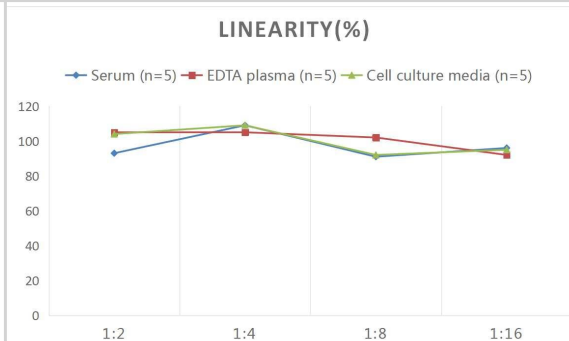


NBP2-62782**Mouse HMGB1/HMG-1 ELISA Kit (Chemiluminescence)**

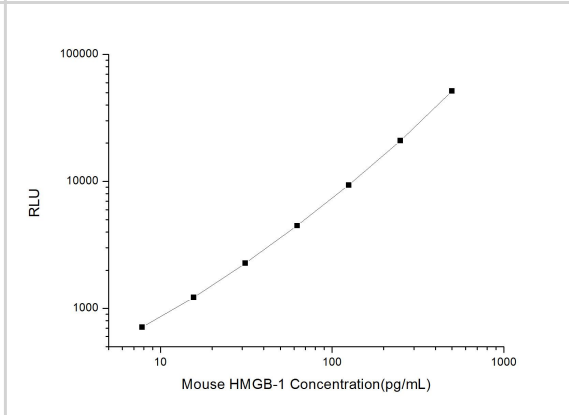
Product Information	
Unit Size	1 Kit
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Storage of components varies. See protocol for specific instructions.
Product Description	
Gene ID	3146
Gene Symbol	HMGB1
Species	Mouse
Specificity/Sensitivity	This kit recognizes Mouse HMGB-1 in samples. No significant cross-reactivity or interference between Mouse HMGB-1 and analogues was observed.
Kit Components	Micro CLIA Plate, Reference Standard, Concentrated Biotinylated Detection Ab (100x), Concentrated HRP Conjugate (100x), Sample Diluent, Biotinylated Detection Ab Diluent, HRP Conjugate Diluent, Concentrated Wash Buffer (25x), Substrate Reagent A, Substrate Reagent B, Plate Sealer, Product Manual
Standard Curve Range	7.81 - 500 pg/mL
Sensitivity	4.69 pg/mL
Inter Assay	%CV < 8
Intra Assay	%CV < 8
Assay Type	Sandwich-CLIA
Spiking Recovery	90 - 110%
Suitable Sample Type	Serum, plasma and other biological fluids
Sample Volume	100 uL
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA

Images

ELISA: Mouse HMGB1/HMG-1 ELISA Kit (Chemiluminescence) [NBP2-62782] - Samples were spiked with high concentrations of Mouse HMGB1/HMG-1 and diluted with Reference Standard & Sample Diluent to produce samples with values within the range of the assay.



ELISA: Mouse HMGB1/HMG-1 ELISA Kit (Chemiluminescence) [NBP2-62782] - Standard Curve Reference



Publications

Saxena S, Nuyens V, Rodts C et al. Involvement of KCa3.1 channel activity in immediate perioperative cognitive and neuroinflammatory outcomes BMC anesthesiology 2023-03-16 [PMID: 36927341] (ELISA, Mouse)

Details:

Sample type: Plasma

Li, C;Lee, A;Grigoryan, L;Arunachalam, PS;Scott, MKD;Trisal, M;Wimmers, F;Sanyal, M;Weidenbacher, PA;Feng, Y;Adamska, JZ;Valore, E;Wang, Y;Verma, R;Reis, N;Dunham, D;O'Hara, R;Park, H;Luo, W;Gitlin, AD;Kim, P;Khatri, P;Nadeau, KC;Pulendran, B; Mechanisms of innate and adaptive immunity to the Pfizer-BioNTech BNT162b2 vaccine Nature immunology [PMID: 35288714] (ELISA)



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 NBP2-62782

NBP2-34960-10ug	Recombinant Human HMGB1/HMG-1 His (C-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NB100-2322	HMGB1/HMG-1 Antibody
M6000B-1	IL-6 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. ELISA Kits are guaranteed for 6 months from date of receipt.

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