

Product Datasheet

Human MMP-2 ELISA Kit (Colorimetric) KA0391

Unit Size: 1 Kit

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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KA0391**Human MMP-2 ELISA Kit (Colorimetric)**

| 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 | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |

| Product Description | |
|-----------------------------|--|
| Description | MMP2 (Human) ELISA Kit is a sandwich enzyme immunoassay for the quantitative measurement of human MMP2. |
| Gene ID | 4313 |
| Gene Symbol | MMP2 |
| Species | Human |
| Kit Components | 96-well plate precoated with anti- human MMP-2 antibody., Lyophilized recombinant human MMP-2 standard, Biotinylated anti- human MMP-2 antibody, dilution 1:100., Avidin-Biotin-Peroxidase Complex (ABC), dilution 1:100., Sample diluent buffer, Antibody diluent buffer, ABC diluent buffer, TMB color developing agent, TMB stop solution |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |
| Standard Curve Range | 625 to 40000 pg/mL |
| Sensitivity | <10 pg/mL |
| Assay Type | Sandwich ELISA |
| Suitable Sample Type | Cell Culture Supernatant, Plasma (Heparin), Serum |
| Sample Volume | 100 uL |

| Product Application Details | |
|------------------------------------|-----------------------|
| Applications | ELISA, Quantification |
| Recommended Dilutions | ELISA, Quantification |

Publications

Strizki JM, Grobler JA, Murgolo N et Al. Correction to: Virologic Outcomes with Molnupiravir in Nonhospitalized Adult Patients with COVID-19 from the Randomized, Placebo-Controlled MOVE-OUT Trial Infect Dis Ther 2024-04-25 [PMID: 38662333] (ELISA)

Huhtala P, Eddy RL, Fan YS et al. Completion of the primary structure of the human type IV collagenase preproenzyme and assignment of the gene (CLG4) to the q21 region of chromosome 16. Genomics. 1990-03-01 [PMID: 2158484]

Lee JG, Dahi S, Mahimkar R et al. Intronic regulation of matrix metalloproteinase-2 revealed by in vivo transcriptional analysis in ischemia. Proc Natl Acad Sci U S A. 2005-11-08 [PMID: 16258061]

Morgunova E, Tuuttila A, Bergmann U et al. Structure of human pro-matrix metalloproteinase-2: activation mechanism revealed. Science. 1999-06-04 [PMID: 10356396]

Basilico N, Magnetto C, D'Alessandro S et al. Dextran-shelled oxygen-loaded nanodroplets reestablish a normoxia-like pro-angiogenic phenotype and behavior in hypoxic human dermal microvascular endothelium. Toxicol Appl Pharmacol. 2015-08-11 [PMID: 26276311]





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 KA0391

| | |
|-----------------|-------------------------------------|
| NBP2-53037-50ug | Recombinant Human MMP-2 His Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| MMP200 | MMP-2 [HRP] |
| 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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