

Product Datasheet

MMP-12 ELISA Development Kit DDXK-E-MMP12-2

Unit Size: 1 Kit

Storage of components varies. See protocol for specific instructions.

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DDXK-E-MMP12-2**MMP-12 ELISA Development Kit**

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 Symbol	MMP12
Species	Human
Reactivity Notes	Human.
Kit Components	Capture Antibody: 0.5 mg/mL of mouse anti-HME-MMP12 monoclonal antibody (clone 701E4.03)., Detection Antibody: 0.5mg/mL of HRPO-conjugated anti-HME-MMP12 mouse monoclonal antibody (clone 706F9.01)., Standard: Each vial contains a solution of recombinant HME-MMP12 (concentration indicated on the vial) produced, purified and concentrated from transfected eukaryotic cells. A 8 point standard curve using 2-fold serial dilutions in sample dilution buffer,
Notes	This product is manufactured by Eurobio Scientific (formerly Dendritics) and distributed by Novus Biologicals.
Standard Curve Range	0.008 - 1 ug/ml
Sensitivity	<50pg/ml
Assay Type	Sandwich ELISA
Suitable Sample Type	Human cell culture supernatants and biological fluids (plasma, serum, sputum)
Sample Volume	100 ul
Product Application Details	
Applications	ELISA
Recommended Dilutions	ELISA
Application Notes	The human HME-MMP12 ELISA kit is for quantitative determination of HME-MMP12 concentrations in human cell culture supernatants and biological fluids (plasma, serum, sputum). This kit is for research purpose only. Kit contents Capture Antibody: 0.5mg/mL of mouse anti-HME-MMP12 monoclonal antibody (clone 701E4.03). Detection Antibody: 0.5mg/mL of HRPO-conjugated anti-HME-MMP12 mouse monoclonal antibody (clone 706F9.01). Standard: Each vial contains a solution of recombinant HME-MMP12 (concentration indicated on the vial) produced, purified and concentrated from transfected eukaryotic cells. A 8 point standard curve using 2-fold serial dilutions in sample dilution buffer, starting at a concentration of 1ug/ml is recommended.

Publications

Lapan P et al. Optimization of total protein and activity assays for the detection of MMP-12 in induced human sputum. BMC Pulm Med 2010-08-02 [PMID: 20678199]

Demets IK et al. Elevated MMP-12 protein levels in induced sputum from patients with COPD. Thorax 2006-03-01 [PMID: 16308335]



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Limitations

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

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