

Mouse GDF7 ELISA Kit | GDF7 elisa kit

Mouse GDF7 (Growth Differentiation Factor 7) ELISA Kit

CATALOG #
AAA163478

REACTIVITY
Mouse

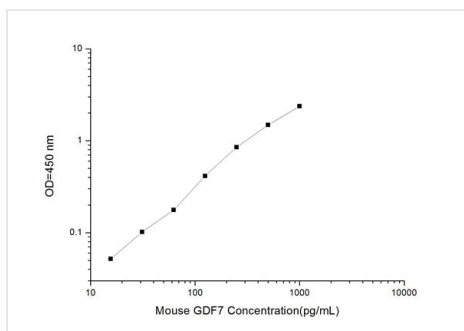
PRODUCT SYNONYMS

GDF7; Mouse GDF7 (Growth Differentiation Factor 7) ELISA Kit; GDF7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse GDF7. No significant cross-reactivity or interference between Mouse GDF7 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Mouse GDF7 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	450
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GDF7 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GDF7 in Mouse serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Mouse GDF7. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Mouse GDF7 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Mouse GDF7, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Mouse GDF7. You can calculate the concentration of Mouse GDF7 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61835232
NCBI GeneID	151449
NCBI Accession #	NP_878248.2
NCBI GenBank Nucleotide #	NM_182828.2
UniProt Accession #	Q7Z4P5
Molecular Weight	46,950 Da
NCBI Official Full Name	growth/differentiation factor 7 preproprotein
NCBI Official Synonym Full Names	growth differentiation factor 7
NCBI Official Symbol	GDF7
NCBI Official Synonym Symbols	BMP12
NCBI Protein Information	growth/differentiation factor 7; GDF-7
UniProt Protein Name	Growth/differentiation factor 7
UniProt Gene Name	GDF7
UniProt Synonym Gene Names	GDF-7
UniProt Entry Name	GDF7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/gdf7/163478>