

Human Myogenic Factor 5 (MYF5) ELISA Kit | MYF5 elisa kit

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CATALOG #
AAA43112

REACTIVITY
Human

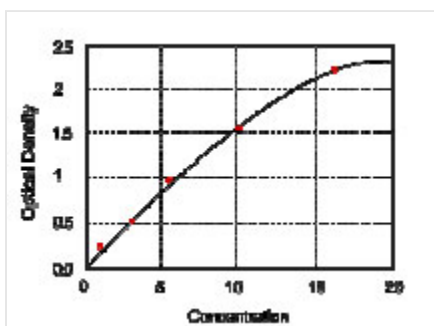
PRODUCT SYNONYMS

Myogenic Factor 5 (MYF5); Human Myogenic Factor 5 (MYF5) ELISA Kit; MYF5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	255
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.05-10ng/ml
Sensitivity	0.02ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MYF5 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Myogenic Factor 5 (also known as MYF5) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human MYF5 antibody. MYF5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human MYF5 Antibody is added and binds to MYF5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MYF5 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human MYF5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	156104906
NCBI GeneID	4617
NCBI Accession #	NP_005584.2
NCBI GenBank Nucleotide #	NM_005593.2
UniProt Accession #	P13349; Q6ISR9
Molecular Weight	28,296 Da
NCBI Official Full Name	myogenic factor 5
NCBI Official Synonym Full Names	myogenic factor 5
NCBI Official Symbol	MYF5
NCBI Official Synonym Symbols	bHLHc2
NCBI Protein Information	myogenic factor 5
UniProt Protein Name	Myogenic factor 5
UniProt Gene Name	MYF5
UniProt Synonym Gene Names	BHLHC2; Myf-5; bHLHc2

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://www.aaabiotech.com/human-elisa-kits/myogenic-factor-5-myf5/43112>