

Human Myogenic Differentiation (MyoD) ELISA Kit | MyoD elisa kit

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CATALOG #
AAA43884

REACTIVITY
Human

PRODUCT SYNONYMS

Myogenic Differentiation (MyoD); Human Myogenic Differentiation (MyoD) ELISA Kit; MyoD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	261
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	20ng/L - 6000ng/L
Sensitivity	10.17ng/L
Intra-Assay	CV<8%
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 MyoD elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Myogenic Differentiation (also known as MyoD) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human MyoD antibody. MyoD present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human MyoD Antibody is added and binds to MyoD in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MyoD 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 MyoD. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	259013285
NCBI GeneID	100302710
NCBI Accession #	NP_001158428.1
NCBI GenBank Nucleotide #	NM_001164956.1
NCBI Official Full Name	myogenic differentiation protein
NCBI Official Symbol	myoD
NCBI Protein Information	myogenic differentiation protein

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/human-elisa-kits/myogenic-differentiation-myod/43884>