

Human Epithelial discoidin domain-containing receptor 1, DDR1 ELISA Kit | DDR1 elisa kit

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CATALOG #
AAA123527

REACTIVITY
Human

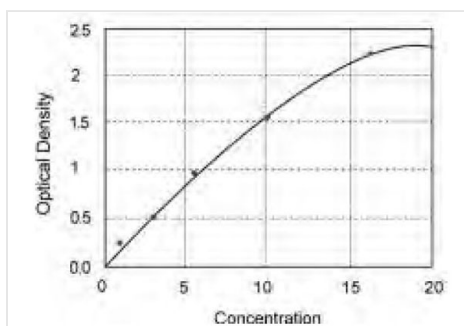
PRODUCT SYNONYMS

Epithelial discoidin domain-containing receptor 1; DDR1; Human Epithelial discoidin domain-containing receptor 1; DDR1 ELISA Kit; DDR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	910
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	0.05-20ng/ml
Sensitivity	0.028ng/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 DDR1 elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human DDR1 antibody. DDR1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human DDR1 Antibody is added and binds to DDR1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated DDR1 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 DDR1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Epithelial discoidin domain-containing receptor 1 (also known as DDR1) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	2497563
NCBI GeneID	25678
UniProt Accession #	Q63474
NCBI Official Full Name	Epithelial discoidin domain-containing receptor 1
NCBI Official Synonym Full Names	discoidin domain receptor tyrosine kinase 1
NCBI Official Symbol	Ddr1
NCBI Official Synonym Symbols	Cak; Drd1; PTK3D
NCBI Protein Information	epithelial discoidin domain-containing receptor 1
UniProt Protein Name	Epithelial discoidin domain-containing receptor 1
UniProt Gene Name	Ddr1
UniProt Synonym Gene Names	Eddr1; Ptk3; Epithelial discoidin domain receptor 1
UniProt Entry Name	DDR1_RAT

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/epithelial-discoidin-domain-containing-receptor-1-ddr1/123527>