

Mouse Ddr1 (Epithelial discoidin domain-containing receptor 1) ELISA Kit | Ddr1 elisa kit

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CATALOG #
AAA250347

REACTIVITY
Mouse

PRODUCT SYNONYMS

Ddr1 (Epithelial discoidin domain-containing receptor 1); Mouse Ddr1 (Epithelial discoidin domain-containing receptor 1) ELISA Kit; Epithelial discoidin domain-containing receptor 1; Epithelial discoidin domain receptor 1; CD167 antigen-like family member A; Cell adhesion kinase; Discoidin receptor tyrosine kinase; Protein-tyrosine kinase MPK-6; Tyrosine kinase DDR; Tyrosine-protein kinase CAK; CD167a; Ddr1; Cak; Eddr1; Mpk6; Ddr1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Ddr1. No significant cross-reactivity or interference between Ddr1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.62-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for Ddr1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	311771514
NCBI GeneID	12305
NCBI Accession #	NP_001185760.1
NCBI GenBank Nucleotide #	NM_001198831.1
UniProt Accession #	Q03146
Molecular Weight	97,207 Da

NCBI Official Full Name	epithelial discoidin domain-containing receptor 1 isoform 1
NCBI Official Synonym Full Names	discoidin domain receptor family, member 1
NCBI Official Symbol	Ddr1
NCBI Official Synonym Symbols	Cak; Nep; PTK3A; CD167a; AI323681; 6030432F18
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	Cak; Eddr1; Mpk6; Epithelial discoidin domain receptor 1

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/mouse-elisa-kits/ddr1-epithelial-discoidin-domain-containing-receptor-1/250347>