

Mouse Monocyte differentiation antigen CD14 ELISA Kit | CD14 elisa kit

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CATALOG #
AAA98477

REACTIVITY
Mouse

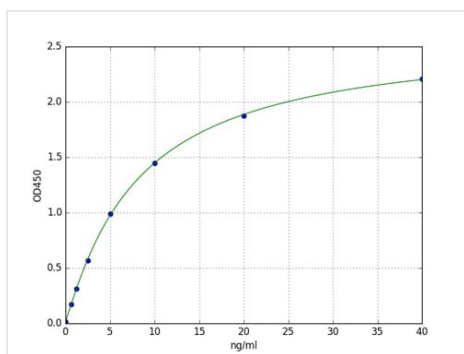
PRODUCT SYNONYMS

Monocyte differentiation antigen CD14; Mouse Monocyte differentiation antigen CD14 ELISA Kit; CD14 (Soluble Cluster of Differentiation14)/CD14/CD14 antigen/CD14 molecule/monocyte differentiation antigen CD14/Myeloid cell-specific leucine-rich glycoprotein; CD14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	375
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.625-40ng/ml
Sensitivity	0.375ng/ml
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

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse CD14 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.625	1.25	2.5	5	10	20	40
Y	OD450	0.019	0.172	0.314	0.596	0.935	1.391	1.952	2.165

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD14 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse CD14 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse CD14 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Mouse CD14 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse CD14 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	291575165
NCBI GeneID	929
NCBI Accession #	NP_001167576.1
NCBI GenBank Nucleotide #	NM_001174105.1
Molecular Weight	40,076 Da
NCBI Official Full Name	monocyte differentiation antigen CD14
NCBI Official Synonym Full Names	CD14 molecule
NCBI Official Symbol	CD14
NCBI Protein Information	monocyte differentiation antigen CD14
UniProt Protein Name	Monocyte differentiation antigen CD14
UniProt Gene Name	CD14
UniProt Entry Name	CD14_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/monocyte-differentiation-antigen-cd14/98477>