

Rat CD14 molecule ELISA Kit | CD14 elisa kit

Rat soluble cluster of differentiation 14, sCD14 ELISA Kit

CATALOG #
AAA80308

REACTIVITY
Rat

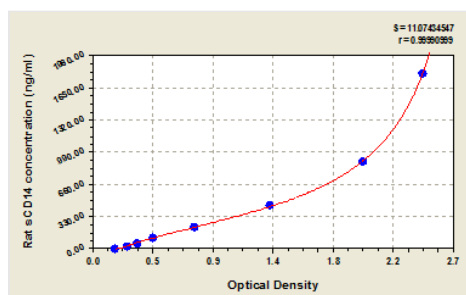
PRODUCT SYNONYMS

CD14 molecule; Rat soluble cluster of differentiation 14; sCD14 ELISA Kit; CD14 antigen; monocyte differentiation antigen CD14; CD14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat sCD14. No significant cross-reactivity or interference between rat sCD14 and analogues was observed.
Sequence Length	372
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	28 ng/ml -1800 ng/ml.
Sensitivity	7 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD14 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for sCD14 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sCD14 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for sCD14 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of sCD14 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126722873
NCBI GeneID	100008983
NCBI Accession #	NP_001075664.1
NCBI GenBank Nucleotide #	NM_001082195.2
UniProt Accession #	Q28680
Molecular Weight	39,992 Da
NCBI Official Full Name	monocyte differentiation antigen CD14
NCBI Official Symbol	CD14
NCBI Protein Information	monocyte differentiation antigen CD14; myeloid cell-specific leucine-rich glycoprotein
UniProt Protein Name	Monocyte differentiation antigen CD14
UniProt Gene Name	CD14
UniProt Entry Name	CD14_RABIT

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.