

Rat leukocyte common antigen, LCA/CD45 ELISA Kit | LCA/CD45 elisa kit

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CATALOG #
AAA43606

REACTIVITY
Rat

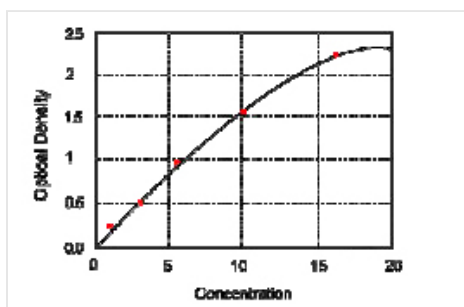
PRODUCT SYNONYMS

leukocyte common antigen; LCA/CD45; Rat leukocyte common antigen; LCA/CD45 ELISA Kit; LCA/CD45 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	47
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml-10ng/ml
Sensitivity	0.014ng/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 LCA/CD45 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Keratin 19 (also known as KRT19) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat KRT19 antibody. KRT19 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat KRT19 Antibody is added and binds to KRT19 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated KRT19 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 Rat KRT19. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	553521
NCBI GeneID	5788
Molecular Weight	131,130 Da
NCBI Official Full Name	leukocyte common antigen, partial
NCBI Official Synonym Full Names	protein tyrosine phosphatase, receptor type C
NCBI Official Symbol	PTPRC
NCBI Official Synonym Symbols	LCA; LY5; B220; CD45; L-CA; T200; CD45R; GP180
NCBI Protein Information	receptor-type tyrosine-protein phosphatase C
UniProt Protein Name	Receptor-type tyrosine-protein phosphatase C
UniProt Gene Name	PTPRC
UniProt Synonym Gene Names	L-CA

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/rat-elisa-kits/leukocyte-common-antigen-lca-cd45/43606>