

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

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CATALOG #
AAA42079

REACTIVITY
Human

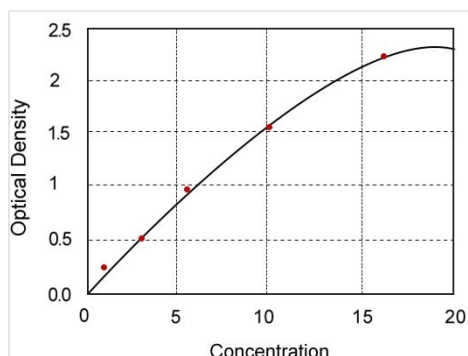
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	47
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.09ng/ml
Intra-Assay	CV<8%
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 human Leukocyte Common Antigen (also known as LCA/CD45) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human LCA/CD45 antibody. LCA/CD45 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human LCA/CD45 Antibody is added and binds to LCA/CD45 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated LCA/CD45 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 LCA/CD45. 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/human-elisa-kits/leukocyte-common-antigen-lca-cd45/42079>