

Human Lacritin (LACRT) ELISA Kit | LACRT elisa kit

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CATALOG #
AAA64368

REACTIVITY
Human

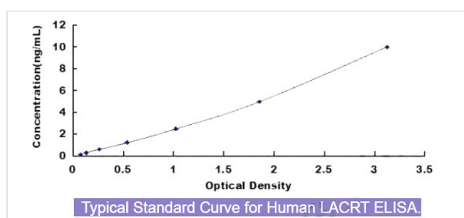
PRODUCT SYNONYMS

Lacritin (LACRT); Human Lacritin (LACRT) ELISA Kit; Extracellular glycoprotein lacritin; LACRT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of LACRT. No significant cross-reactivity or interference between LACRT and analogues was observed.
Sequence Length	138
Assay Type	Quantitative Sandwich
Samples	Human saliva, tears or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.055ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level LACRT were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level LACRT were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LACRT elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to LACRT. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to LACRT. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain LACRT, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of LACRT in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of LACRT in human saliva, tears or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15187164
NCBI GeneID	90070
NCBI Accession #	NP_150593.1
NCBI GenBank Nucleotide #	NM_033277.1
UniProt Accession #	Q9GZZ8
Molecular Weight	14,246 Da
NCBI Official Full Name	extracellular glycoprotein lacritin
NCBI Official Synonym Full Names	lacritin
NCBI Official Symbol	LACRT
NCBI Protein Information	extracellular glycoprotein lacritin
UniProt Protein Name	Extracellular glycoprotein lacritin
UniProt Gene Name	LACRT

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.