

Human Anillin (ANLN) ELISA Kit | ANLN elisa kit

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CATALOG #
AAA64033

REACTIVITY
Human

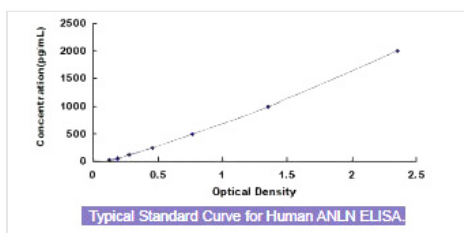
PRODUCT SYNONYMS

Anillin (ANLN); Human Anillin (ANLN) ELISA Kit; Scra; Scraps; Actin-Binding Protein Anillin; ANLN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of ANLN. No significant cross-reactivity or interference between ANLN and analogues was observed.
Sequence Length	1087
Samples	Human tissue homogenates, cell lysates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.2-2000pg/mL
Sensitivity	< 14.1pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level ANLN 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 ANLN 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 ANLN elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of ANLN in human tissue homogenates, cell lysates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ANLN. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ANLN. 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 ANLN, 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 ANLN in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	546231137
NCBI GeneID	54443
NCBI Accession #	NP_001271230.1
NCBI GenBank Nucleotide #	NM_001284301.2
UniProt Accession #	Q9NQW6; Q5CZ78; Q6NSK5; Q9H8Y4; Q9NVN9; Q9NVP0
Molecular Weight	120,016 Da
NCBI Official Full Name	anillin isoform 2
NCBI Official Synonym Full Names	anillin actin binding protein
NCBI Official Symbol	ANLN
NCBI Official Synonym Symbols	scra; FSGS8; Scraps
NCBI Protein Information	anillin
UniProt Protein Name	Anillin
UniProt Gene Name	ANLN

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.