

Mouse ezrin ELISA Kit | EZR elisa kit

Mouse Ezrin, EZR ELISA Kit

CATALOG #
AAA112853

REACTIVITY
Mouse

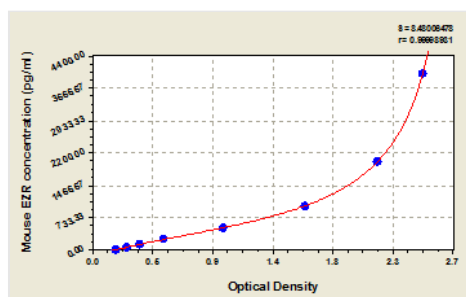
PRODUCT SYNONYMS

ezrin; Mouse Ezrin; EZR ELISA Kit; Mouse Ezrin (EZR) ELISA kit; CVIL; CVL; DKFZp762H157; FLJ26216; MGC1584; VIL2; cytovillin 2; villin 2 (ezrin) ; EZR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse EZR. No significant cross-reactivity or interference between mouse EZR and analogues was observed.
Sequence Length	586
Samples	Serum, plasma, tissue homogenates
Assay Type	Sandwich
Detection Range	62.5 pg/ml -4000 pg/ml.
Sensitivity	The minimum detectable dose of mouse EZR is typically less than 15.6 pg/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
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 EZR elisa kit	Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for EZR has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any EZR present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for EZR 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 EZR 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 #	83921618
NCBI GeneID	22350
NCBI Accession #	NP_033536.2
NCBI GenBank Nucleotide #	NM_009510.2
UniProt Accession #	P26040; Q80ZT8; Q9DCI1
Molecular Weight	69,407 Da
NCBI Official Full Name	ezrin
NCBI Official Synonym Full Names	ezrin
NCBI Official Symbol	Ezr
NCBI Official Synonym Symbols	p81; Vil2; R75297; AW146364
NCBI Protein Information	ezrin; villin 2; villin-2; cytovillin
UniProt Protein Name	Ezrin
UniProt Gene Name	Ezr
UniProt Synonym Gene Names	Vil2
UniProt Entry Name	EZRI_MOUSE

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.