

## Human ezrin ELISA Kit | EZR elisa kit

Human cytovillin/ezrin ELISA Kit

CATALOG #  
**AAA15059**

REACTIVITY  
**Human**

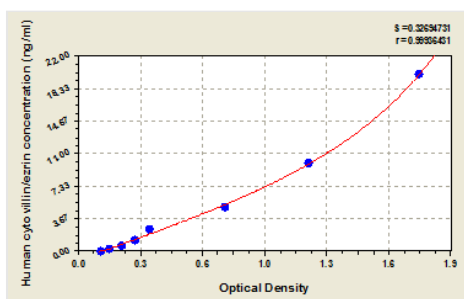
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                         |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of human cytovillin/ezrin. No significant cross-reactivity or interference between human cytovillin/ezrin and analogues was observed. |
| Sequence Length         | 586                                                                                                                                                                                                           |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                                         |
| Samples                 | Serum, plasma, tissue homogenates, cell lysates                                                                                                                                                               |
| Detection Range         | 0.312 ng/ml-20 ng/ml                                                                                                                                                                                          |
| Sensitivity             | < 0.078 ng/ml                                                                                                                                                                                                 |
| 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 cytovillin/ezrin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any cytovillin/ezrin present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for cytovillin/ezrin 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 cytovillin/ezrin bound in the initial step. The color development is stopped and the intensity of the color is measured. |
|-----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| NCBI GI #                        | 161702986                                                                                 |
| NCBI GeneID                      | 7430                                                                                      |
| NCBI Accession #                 | NP_001104547.1                                                                            |
| NCBI GenBank Nucleotide #        | NM_001111077.1                                                                            |
| UniProt Accession #              | P15311; P23714; Q4VX75; Q96CU8; Q9NSJ4; E1P5A8                                            |
| Molecular Weight                 | 69,413 Da                                                                                 |
| NCBI Official Full Name          | ezrin                                                                                     |
| NCBI Official Synonym Full Names | ezrin                                                                                     |
| NCBI Official Symbol             | EZR                                                                                       |
| NCBI Official Synonym Symbols    | CVL; CVIL; VIL2; HEL-S-105                                                                |
| NCBI Protein Information         | ezrin; p81; villin-2; cytovillin 2; villin 2 (ezrin); epididymis secretory protein Li 105 |
| UniProt Protein Name             | Ezrin                                                                                     |
| UniProt Gene Name                | EZR                                                                                       |
| UniProt Synonym Gene Names       | VIL2                                                                                      |
| UniProt Entry Name               | EZRI_HUMAN                                                                                |

**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/ezr-human-elisa-kits/ezrin/15059>