

## Human Multimerin-2 (MMRN2) ELISA Kit | MMRN2 elisa kit

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CATALOG #  
**AAA331740**

REACTIVITY  
**Human**

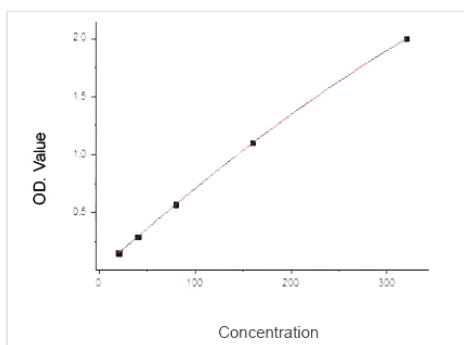
### PRODUCT SYNONYMS

Multimerin-2 (MMRN2); Human Multimerin-2 (MMRN2) ELISA Kit; MMRN2; EMILIN3; EndoGlyx-1; FLJ13465; EMILIN-like protein EndoGlyx-1; elastin microfibril interfacier 3; MMRN2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                             |
| Specificity             | Human Multimerin-2 (MMRN2) ELISA Kit has high sensitivity and excellent specificity for detection of Human MMRN2. No significant cross-reactivity or interference between Human MMRN2 and analogues was observed. |
| Sequence Length         | 949                                                                                                                                                                                                               |
| Assay Type              | Sandwich                                                                                                                                                                                                          |
| Samples                 | Human serum, cell culture supernates and other biological fluids                                                                                                                                                  |
| Detection Range         | 20 pg/ml - 320 pg/ml                                                                                                                                                                                              |
| Sensitivity             | < 1pg/ml                                                                                                                                                                                                          |
| Intra-assay Precision   | Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.                                                                                         |
| Inter-assay Precision   | Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.     |
| Preparation and Storage | Store at 2-8 degree C.                                                                                                                                                                                            |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MMRN2 elisa kit | <p>Background: MMRN2 encodes a protein belonging to the member of elastin microfibril interface-located (EMILIN) protein family. This family member is an extracellular matrix glycoprotein that can interfere with tumor angiogenesis and growth. It serves as a transforming growth factor beta antagonist and can interfere with the VEGF-A/VEGFR2 pathway. A related pseudogene has been identified on chromosome 6.</p> <p>Principle of the Assay: Human Multimerin-2 (MMRN2) ELISA Kit employs a two-site sandwich ELISA to quantitate MMRN2 in samples. An antibody specific for MMRN2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MMRN2 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human MMRN2 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of MMRN2 bound in the initial step. The color development is stopped and the intensity of the color is measured.</p> |
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NCBI AND UNIPROT INFORMATION

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI GI #                        | 221316695                                 |
| NCBI GeneID                      | 79812                                     |
| NCBI Accession #                 | NP_079032.2                               |
| NCBI GenBank Nucleotide #        | NP_079032.2                               |
| UniProt Accession #              | Q9H8L6                                    |
| NCBI Official Full Name          | multimerin-2                              |
| NCBI Official Synonym Full Names | multimerin 2                              |
| NCBI Official Symbol             | MMRN2                                     |
| NCBI Official Synonym Symbols    | EMILIN3; EMILIN-3; ENDOGLYX-1             |
| NCBI Protein Information         | multimerin-2                              |
| UniProt Protein Name             | Multimerin-2                              |
| UniProt Gene Name                | MMRN2                                     |
| UniProt Synonym Gene Names       | EMILIN3; Elastin microfibril interfacar 3 |

**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.