

## Mouse insulin-like growth factor binding protein 2, 36kDa ELISA Kit | IGFBP2 elisa kit

Mouse Insulin-like growth factor binding protein 2, IGFBP-2 ELISA Kit

CATALOG #  
**AAA79763**

REACTIVITY  
**Mouse**

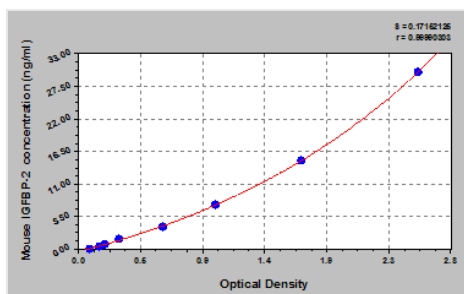
### PRODUCT SYNONYMS

insulin-like growth factor binding protein 2; 36kDa; Mouse Insulin-like growth factor binding protein 2; IGFBP-2 ELISA Kit; IGFBP-2 ELISA KIT; IBP2; IGF-BP53; ; IGFBP2 elisa kit

### PRODUCT SPECIFICATIONS

|                              |                                                                                                                                                                                                                                                                                                                           |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                   | Mouse                                                                                                                                                                                                                                                                                                                     |
| Specificity                  | This assay has high sensitivity and excellent specificity for detection of Mouse IGFBP2. No significant cross-reactivity or interference between Mouse IGFBP2 and analogues was observed.                                                                                                                                 |
| Sequence Length              | 305                                                                                                                                                                                                                                                                                                                       |
| Intra-assay Precision        | Intra-assay Precision (Precision within an assay): CV% is less than 8%<br>Three samples of known concentration were tested twenty times on one plate to assess.<br>Inter-assay Precision (Precision between assays): CV% is less than 10%<br>Three samples of known concentration were tested in twenty assays to assess. |
| Detection Wavelength         | 450 nm                                                                                                                                                                                                                                                                                                                    |
| Sample Volume                | 50-100ul                                                                                                                                                                                                                                                                                                                  |
| Protein Biological Process 1 | Growth Factor                                                                                                                                                                                                                                                                                                             |
| Protein Biological Process 3 | Growth regulation                                                                                                                                                                                                                                                                                                         |
| 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 IGFBP2 elisa kit | <b>Principle of the Assay:</b> The microtiter plate provided in this kit has been pre-coated with an antibody specific to IGFBP-2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for IGFBP-2 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB (3,3',5,5' tetramethyl-benzidine) substrate solution is added to each well. Only those wells that contain IGFBP-2, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of IGFBP-2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                     |
|----------------------------------|---------------------------------------------------------------------|
| NCBI GI #                        | 31982260                                                            |
| NCBI GeneID                      | 16008                                                               |
| NCBI Accession #                 | NP_032368.2                                                         |
| NCBI GenBank Nucleotide #        | NM_008342.3                                                         |
| UniProt Accession #              | P47877; Q61722; Q91VK7                                              |
| Molecular Weight                 | 32,847 Da                                                           |
| NCBI Official Full Name          | insulin-like growth factor-binding protein 2                        |
| NCBI Official Synonym Full Names | insulin-like growth factor binding protein 2                        |
| NCBI Official Symbol             | Igfbp2                                                              |
| NCBI Official Synonym Symbols    | IBP-2; Igfbp-2; AI255832; mIGFBP-2                                  |
| NCBI Protein Information         | insulin-like growth factor-binding protein 2; IGF-binding protein 2 |
| UniProt Protein Name             | Insulin-like growth factor-binding protein 2                        |
| UniProt Gene Name                | Igfbp2                                                              |
| UniProt Synonym Gene Names       | Igfbp-2; IBP-2; IGF-binding protein 2; IGFBP-2; mIGFBP-2            |
| UniProt Entry Name               | IBP2_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.

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Online datasheet: <https://stage.aaabiotech.com/igfbp2-mouse-elisa-kits/insulin-like-growth-factor-binding-protein-2-36kda/79763>