

## Fish insulin-like growth factor 2 (somatomedin A) ELISA Kit | IGF2 elisa kit

Fish Insulin-like growth factor II, IGF2 ELISA Kit

CATALOG #  
**AAA15874**

REACTIVITY  
**Fish**

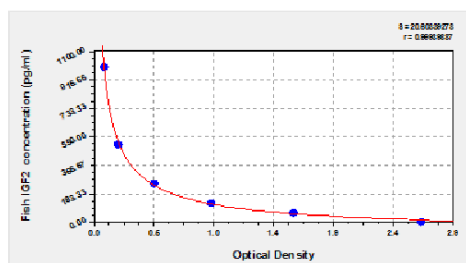
### PRODUCT SYNONYMS

insulin-like growth factor 2 (somatomedin A); Fish Insulin-like growth factor II; IGF2 ELISA Kit; Fish Insulin-like growth factor II (IGF2) ELISA kit; C11orf43; FLJ22066; FLJ44734; INSIGF; pp9974; OTTHUMP00000011018; OTTHUMP00000011157; insulin-like growth factor 2; insulin-like growth factor II; insulin-like growth factor type 2; putative insulin-like; IGF2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Fish                                                                                                                                                                                |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of fish IGF2. No significant cross-reactivity or interference between fish IGF2 and analogues was observed. |
| Sequence Length         | 179                                                                                                                                                                                 |
| Samples                 | Serum, plasma                                                                                                                                                                       |
| Assay Type              | Quantitative Competitive                                                                                                                                                            |
| Detection Range         | 62.5 pg/ml-1000 pg/ml                                                                                                                                                               |
| Sensitivity             | < 31.25 pg/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 IGF2 elisa kit | Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to IGF2. Standards or samples are added to the appropriate microtiter plate wells with Horseradish Peroxidase (HRP) conjugated IGF2. The competitive inhibition reaction is launched between with HRP-conjugated IGF2 and IGF2 in samples. A substrate solution is added to the wells and the color develops in opposite to the amount of IGF2 in the sample. The color development is stopped and the intensity of the color is measured. |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                               |                                                        |
|-------------------------------|--------------------------------------------------------|
| NCBI GI #                     | 57164331                                               |
| NCBI GeneID                   | 443325                                                 |
| NCBI Accession #              | NP_001009311.1                                         |
| NCBI GenBank Nucleotide #     | NM_001009311.1                                         |
| UniProt Accession #           | P10764                                                 |
| Molecular Weight              | 19,616 Da                                              |
| NCBI Official Full Name       | insulin-like growth factor II preproprotein            |
| NCBI Official Symbol          | IGF2                                                   |
| NCBI Official Synonym Symbols | IGF-II                                                 |
| NCBI Protein Information      | insulin-like growth factor II; insulin growth factor 2 |
| UniProt Protein Name          | Insulin-like growth factor II                          |
| UniProt Gene Name             | IGF2                                                   |
| UniProt Synonym Gene Names    | IGF-II                                                 |
| UniProt Entry Name            | IGF2_SHEEP                                             |

**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/igf2-fish-elisa-kits/insulin-like-growth-factor-2-somatomedin-a/15874>