

## Chicken Nuclear RNA Export Factor 1 ELISA Kit | NXF1 elisa kit

Chicken Nuclear RNA Export Factor 1 ELISA Kit

CATALOG #  
**AAA94070**

REACTIVITY  
**Chicken**

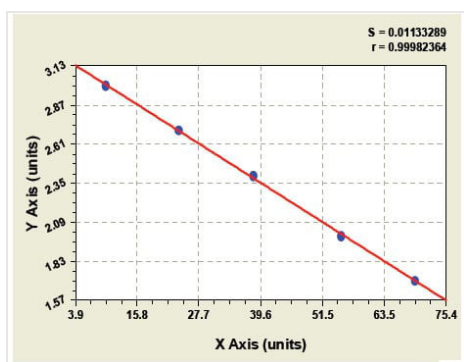
### PRODUCT SYNONYMS

Nuclear RNA Export Factor 1; Chicken Nuclear RNA Export Factor 1 ELISA Kit; NXF1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                    |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive                                                                |
| Sensitivity             | 1.0 pg/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for NXF1 elisa kit

**Intended Uses:** This NXF1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken NXF1. This ELISA kit for research use only!

**Principle of the Assay:** NXF1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NXF1 antibody and an NXF1-HRP conjugate. The assay sample and buffer are incubated together with NXF1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NXF1 concentration since NXF1 from samples and NXF1-HRP conjugate compete for the anti-NXF1 antibody binding site. Since the number of sites is limited, as more sites are occupied by NXF1 from the sample, fewer sites are left to bind NXF1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NXF1 concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for NXF1 elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                               |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4220554                                                                                                                       |
| NCBI GeneID                      | 10482                                                                                                                         |
| UniProt Accession #              | Q9UBU9; Q99799; Q9UQL2; B4E269                                                                                                |
| Molecular Weight                 | 40,476 Da                                                                                                                     |
| NCBI Official Full Name          | nuclear RNA export factor 1                                                                                                   |
| NCBI Official Synonym Full Names | nuclear RNA export factor 1                                                                                                   |
| NCBI Official Symbol             | NXF1                                                                                                                          |
| NCBI Official Synonym Symbols    | TAP; MEX67                                                                                                                    |
| NCBI Protein Information         | nuclear RNA export factor 1; mRNA export factor TAP; tip-associated protein; tip associating protein; tip-associating protein |
| UniProt Protein Name             | Nuclear RNA export factor 1                                                                                                   |
| UniProt Gene Name                | NXF1                                                                                                                          |
| UniProt Synonym Gene Names       | TAP                                                                                                                           |
| UniProt Entry Name               | NXF1_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/nxf1-chicken-elisa-kits/nuclear-ma-export-factor-1/94070>