

## Monkey Osteoclast Stimulating Factor 1 ELISA Kit | OSF1 elisa kit

Monkey Osteoclast Stimulating Factor 1 ELISA Kit

CATALOG #  
**AAA88751**

REACTIVITY  
**Monkey**

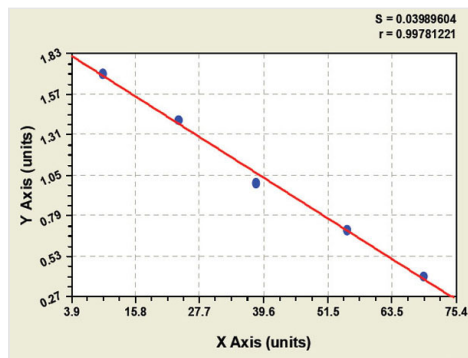
### PRODUCT SYNONYMS

Osteoclast Stimulating Factor 1; Monkey Osteoclast Stimulating Factor 1 ELISA Kit; OSF1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                              |
| Assay Type              | Sandwich                                                                                                                                                                                |
| Detection Range         | 1.0-25ng/mL                                                                                                                                                                             |
| Sensitivity             | 0.1ng/mL                                                                                                                                                                                |
| Intended Uses           | This OSF1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey OSF1. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                     |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for OSF1 elisa kit

**Principle of the Assay:** OSF1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-OSF1 antibody and an OSF1-HRP conjugate. The assay sample and buffer are incubated together with OSF1-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 OSF1 concentration since OSF1 from samples and OSF1-HRP conjugate compete for the anti-OSF1 antibody binding site. Since the number of sites is limited, as more sites are occupied by OSF1 from the sample, fewer sites are left to bind OSF1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The OSF1 concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                                  |                                 |
|----------------------------------|---------------------------------|
| NCBI GI #                        | 166235148                       |
| NCBI GeneID                      | 26578                           |
| NCBI Accession #                 | NP_036515.4                     |
| NCBI GenBank Nucleotide #        | NM_012383.4                     |
| Molecular Weight                 | 23,787 Da                       |
| NCBI Official Full Name          | osteoclast-stimulating factor 1 |
| NCBI Official Synonym Full Names | osteoclast stimulating factor 1 |
| NCBI Official Symbol             | OSTF1                           |
| NCBI Official Synonym Symbols    | OSF; SH3P2; bA235O14.1          |
| NCBI Protein Information         | osteoclast-stimulating factor 1 |
| UniProt Protein Name             | Osteoclast-stimulating factor 1 |
| UniProt Gene Name                | <b>OSTF1</b>                    |
| UniProt Entry Name               | OSTF1_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/osf1-monkey-elisa-kits/osteoclast-stimulating-factor-1/88751>