

## Canine Heat Shock Transcription Factor 2 ELISA Kit | HSF2 elisa kit

Canine Heat Shock Transcription Factor 2 ELISA Kit

CATALOG #  
**AAA90864**

REACTIVITY  
**Canine**

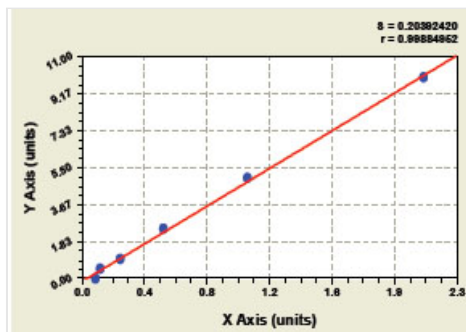
### PRODUCT SYNONYMS

Heat Shock Transcription Factor 2; Canine Heat Shock Transcription Factor 2 ELISA Kit; HSF2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                         |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Canine                                                                                                                                                                                  |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                              |
| Assay Type              | Competitive                                                                                                                                                                             |
| Detection Range         | 0.5-10ng/mL                                                                                                                                                                             |
| Sensitivity             | 0.1ng/mL                                                                                                                                                                                |
| Intended Uses           | This HSF2 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine HSF2. 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 HSF2 elisa kit

**Principle of the Assay:** HSF2 ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for HSF2. Standards or samples are then added to the microtiter plate wells and HSF2 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of HSF2 present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for HSF2 are added to each well to "sandwich" the HSF2 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain HSF2 and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The HSF2 concentration in each sample is interpolated from this standard curve.

## NCBI AND UNIPROT INFORMATION

|                                  |                                       |
|----------------------------------|---------------------------------------|
| NCBI GI #                        | 340745278                             |
| NCBI GeneID                      | 3298                                  |
| NCBI Accession #                 | NP_001230023.1                        |
| NCBI GenBank Nucleotide #        | NM_001243094.1                        |
| Molecular Weight                 | 58,293 Da                             |
| NCBI Official Full Name          | heat shock factor protein 2 isoform c |
| NCBI Official Synonym Full Names | heat shock transcription factor 2     |
| NCBI Official Symbol             | HSF2                                  |
| NCBI Official Synonym Symbols    | HSF 2; HSTF 2                         |
| NCBI Protein Information         | heat shock factor protein 2           |
| UniProt Protein Name             | Heat shock factor protein 2           |
| UniProt Gene Name                | <b>HSF2</b>                           |
| UniProt Synonym Gene Names       | HSTF2; HSF 2; HSTF 2                  |
| UniProt Entry Name               | HSF2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/hsf2-canine-elisa-kits/heat-shock-transcription-factor-2/90864>