

## Dog Transferrin ELISA Kit | TF elisa kit

Dog Transferrin ELISA Kit

|                              |                          |
|------------------------------|--------------------------|
| CATALOG #<br><b>AAA76907</b> | REACTIVITY<br><b>Dog</b> |
|------------------------------|--------------------------|

### PRODUCT SYNONYMS

Transferrin; Dog Transferrin ELISA Kit; Dog Transferrin; TF elisa kit

### PRODUCT SPECIFICATIONS

|                         |                        |
|-------------------------|------------------------|
| Reactivity              | Dog                    |
| Assay Type              | Sandwich               |
| Samples                 | Dog biological samples |
| Preparation and Storage | Store at 4 degree C.   |

### ADDITIONAL INFORMATION

|                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for TF elisa kit | <p>Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the transferrin (TX) present in samples reacts with the anti-TX antibodies, which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-TX antibodies conjugated with horseradish peroxidase (HRP) are added. These enzyme-labeled antibodies form complexes with the previously bound TX. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of TX in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of TX in the test sample. The quantity of TX in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution.</p> <p>Intended Uses: The TX test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring TX in dog biological samples. If the ELISA is to be used outside the intended use, the user may need to optimize for said use.</p> |
| Product Categories/Family for TF elisa kit   | <a href="#">ELISA Kit</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

### NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">248648</a>                                                                                                                                                                                |
| NCBI GeneID                      | <a href="#">7018</a>                                                                                                                                                                                  |
| UniProt Accession #              | <a href="#">P02787</a> ; <a href="#">O43890</a> ; <a href="#">Q1HBA5</a> ; <a href="#">Q9NQB8</a> ; <a href="#">Q9UHV0</a> ; <a href="#">Q06AH7</a> ; <a href="#">Q53H26</a> ; <a href="#">Q9UHS1</a> |
| Molecular Weight                 | 77,064 Da                                                                                                                                                                                             |
| NCBI Official Full Name          | transferrin                                                                                                                                                                                           |
| NCBI Official Synonym Full Names | transferrin                                                                                                                                                                                           |
| NCBI Official Symbol             | TF                                                                                                                                                                                                    |
| NCBI Official Synonym Symbols    | <a href="#">PRO1557</a> ; <a href="#">PRO2086</a> ; <a href="#">DKFZp781D0156</a>                                                                                                                     |
| NCBI Protein Information         | serotransferrin; siderophilin; OTTHUMP00000197155; beta-1 metal-binding globulin                                                                                                                      |

|                      |                 |
|----------------------|-----------------|
| UniProt Protein Name | Serotransferrin |
| UniProt Gene Name    | TF              |
| UniProt Entry Name   | TRFE_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://www.aaabiotech.com/dog-elisa-kits/transferrin/76907>