

## Sheep Troponin I (TN-I) ELISA Kit | TN-I elisa kit

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CATALOG #  
**AAA122120**

REACTIVITY  
**Sheep**

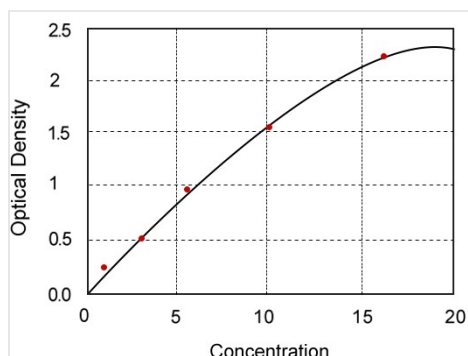
### PRODUCT SYNONYMS

Troponin I (TN-I); Sheep Troponin I (TN-I) ELISA Kit; TN-I elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Sheep                                                                    |
| Sequence Length         | 269                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 5ng/L - 1000ng/L                                                         |
| Sensitivity             | 2.34ng/L                                                                 |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for TN-I elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Sheep Troponin I (also known as TN-I) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Sheep TN-I antibody. TN-I present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Sheep TN-I Antibody is added and binds to TN-I in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated TN-I antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Sheep TN-I. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                     |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 20455512                                                                                                                                            |
| NCBI GeneID                      | 32794                                                                                                                                               |
| UniProt Accession #              | P36188; Q0KHR0; Q9VWY1; Q9VWY2; Q9VWY3; Q9VWY4                                                                                                      |
| Molecular Weight                 | 23,517 Da                                                                                                                                           |
| NCBI Official Full Name          | Troponin I                                                                                                                                          |
| NCBI Official Synonym Full Names | wings up A                                                                                                                                          |
| NCBI Official Symbol             | wupA                                                                                                                                                |
| NCBI Official Synonym Symbols    | CG7178; chrX:17947374..17947524; DmelCG7178; DmTpnl; DROTROPONI; fliH; hdp; Hdp; HDP; hdp-a; hdp2; HL-I; HL08042; HLI; Tn I; Tnl; Tpnl; wup-A; WupA |
| NCBI Protein Information         | wings up A                                                                                                                                          |
| UniProt Protein Name             | Troponin I                                                                                                                                          |
| UniProt Gene Name                | wupA                                                                                                                                                |
| UniProt Synonym Gene Names       | HDP; Tnl; Tn I                                                                                                                                      |

**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/sheep-elisa-kits/troponin-i-tn-i/122120>