

## Human SLC39A6 (Solute Carrier Family 39, Member 6) ELISA Kit | SLC39A6 elisa kit

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CATALOG #  
**AAA272523**

REACTIVITY  
**Human**

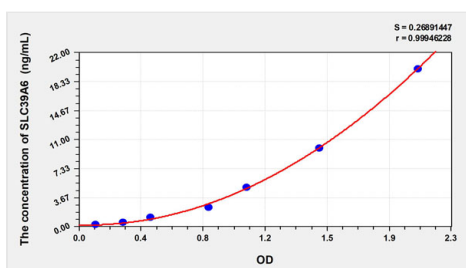
### PRODUCT SYNONYMS

SLC39A6 (Solute Carrier Family 39; Member 6); Human SLC39A6 (Solute Carrier Family 39; Member 6) ELISA Kit; LIV-1; Zinc Transporter Protein 6; Estrogen-regulated protein LIV-1; Zrt- and Irt-like protein 6; Zinc transporter ZIP6; SLC39A6 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                       |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Human SLC39A6. No significant cross-reactivity or interference between Human SLC39A6 and analogues was observed. |
| Assay Type              | Sandwich                                                                                                                                                                                    |
| Detection Range         | 0.32-20 ng/mL                                                                                                                                                                               |
| Sensitivity             | 0.114 ng/mL                                                                                                                                                                                 |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.                      |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.                       |
| Preparation and Storage | Store at 2-8 degree C. Stable for 6 months from date of receipt.                                                                                                                            |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for SLC39A6 elisa kit

**Principle of the Assay:** The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Solute Carrier Family 39, Member 6 (SLC39A6). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Solute Carrier Family 39, Member 6 (SLC39A6). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Solute Carrier Family 39, Member 6 (SLC39A6), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of  $450\text{nm} \pm 10\text{nm}$ . The concentration of Solute Carrier Family 39, Member 6 (SLC39A6) in the samples is then determined by comparing the OD of the samples to the standard curve.

**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/human-elisa-kits/slc39a6-solute-carrier-family-39-member-6/272523>