# Mouse Solute Carrier Family 30, Member 10 (SLC30A10) RTU ELISA Kit | SLC30A10 rtu elisa kit

Mouse Solute Carrier Family 30, Member 10 (SLC30A10) ELISA Kit

| CATALOG # | REACTIVITY |
|---|---|
| **AAA218447** | **Mouse** |

## PRODUCT SYNONYMS

Solute Carrier Family 30; Member 10 (SLC30A10); Mouse Solute Carrier Family 30; Member 10 (SLC30A10) ELISA Kit; ZnT-10; ZRC1; ZNT8; Zinc Transporter 8; SLC30A10 rtu elisa kit

## PRODUCT SPECIFICATIONS

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| **Reactivity** | Mouse |
| **Sequence Length** | 470 |
| **Assay Type** | Sandwich |
| **Samples** | Tissue Homogenates or Other Biological Fluids. |
| **Detection Range** | 0.156-10ng/mL |
| **Sensitivity** | 0.072ng/mL |
| **RTU ELISA Kit's Advantage** | The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits. |
| **Preparation and Storage** | For unopened kits: All the reagents should be kept at 4 degree C upon receipt.<br>For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal. |

## IMAGES

**Standard Curve (Sample)**

## ADDITIONAL INFORMATION

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| **Related Product Information for SLC30A10 rtu elisa kit** | Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SLC30A10. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to SLC30A10. 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 SLC30A10, 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 450nm ± 10nm. The concentration of SLC30A10 in the samples is then determined by comparing the O.D. of the samples to the standard curve. |

## NCBI AND UNIPROT INFORMATION

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| **NCBI GI #** | 84794621 |

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| **NCBI GeneID** | 226781 |
| **NCBI Accession #** | NP_001028458.1 |
| **NCBI GenBank Nucleotide #** | NM_001033286.2 |
| **UniProt Accession #** | Q3UVU3; Q32NY2 |
| **Molecular Weight** | 25,934 Da |
| **NCBI Official Full Name** | zinc transporter 10 |
| **NCBI Official Synonym Full Names** | solute carrier family 30, member 10 |
| **NCBI Official Symbol** | Slc30a10 |
| **NCBI Official Synonym Symbols** | Gm212; E130106K10Rik |
| **NCBI Protein Information** | zinc transporter 10 |
| **UniProt Protein Name** | Zinc transporter 10 |
| **UniProt Gene Name** | **Slc30a10** |
| **UniProt Synonym Gene Names** | Znt10; ZnT-10 |

**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/mouse-rtu-elisa-kits/solute-carrier-family-30-member-10-slc30a10/218447