

## Human Sodium/Glucose Cotransporter 2 (SGLT2) ELISA Kit | SGLT2 elisa kit

Human Sodium/Glucose Cotransporter 2 (SGLT2) ELISA Kit

CATALOG #  
**AAA42840**

REACTIVITY  
**Human**

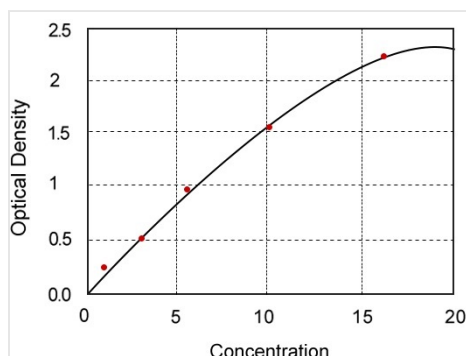
### PRODUCT SYNONYMS

Sodium/Glucose Cotransporter 2 (SGLT2); Human Sodium/Glucose Cotransporter 2 (SGLT2) ELISA Kit; SGLT2 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Human                                                                    |
| Sequence Length         | 672                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.2ng/ml - 70ng/ml                                                       |
| Sensitivity             | 0.05ng/ml                                                                |
| 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 SGLT2 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of human Sodium, Glucose Cotransporter 2 (also known as SGLT2) 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 human SGLT2 antibody. SGLT2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human SGLT2 Antibody is added and binds to SGLT2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated SGLT2 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 human SGLT2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                  |
|----------------------------------|----------------------------------|
| NCBI GI #                        | 4507033                          |
| NCBI GeneID                      | 6524                             |
| NCBI Accession #                 | NP_003032.1                      |
| NCBI GenBank Nucleotide #        | NM_003041.3                      |
| UniProt Accession #              | P31639; A2RRD2                   |
| Molecular Weight                 | 49,357 Da                        |
| NCBI Official Full Name          | sodium/glucose cotransporter 2   |
| NCBI Official Synonym Full Names | solute carrier family 5 member 2 |
| NCBI Official Symbol             | SLC5A2                           |
| NCBI Official Synonym Symbols    | SGLT2                            |
| NCBI Protein Information         | sodium/glucose cotransporter 2   |
| UniProt Protein Name             | Sodium/glucose cotransporter 2   |
| UniProt Gene Name                | SLC5A2                           |
| UniProt Synonym Gene Names       | ; Na(+)/glucose cotransporter 2  |

**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/human-elisa-kits/sodium-glucose-cotransporter-2-sglt2/42840>