

## Human ALB (Albumin) ELISA Kit | ALB elisa kit

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CATALOG #  
**AAA278038**

REACTIVITY  
**Human**

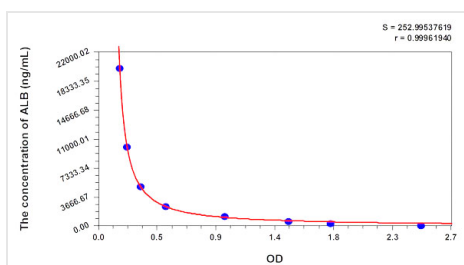
### PRODUCT SYNONYMS

ALB (Albumin); Human ALB (Albumin) ELISA Kit; Serum albumin; ALB elisa kit

### PRODUCT SPECIFICATIONS

|                 |                                                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------|
| Reactivity      | Human                                                                                                |
| Assay Type      | Competitive Inhibition                                                                               |
| Samples         | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |
| Detection Range | 1.57-100ug/mL                                                                                        |
| Sensitivity     | 0.48ug/mL                                                                                            |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for ALB elisa kit

**Test Principle:** This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human ALB protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human ALB. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 Human ALB in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for ALB elisa kit

Tumor immunity; Infection immunity; Hematology; Hepatology; Nutrition metabolism

### NCBI AND UNIPROT INFORMATION

|                           |             |
|---------------------------|-------------|
| NCBI GI #                 | 4502027     |
| NCBI GeneID               | 213         |
| NCBI Accession #          | NP_000468.1 |
| NCBI GenBank Nucleotide # | NM_000477.5 |

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| UniProt Accession #              | P02768; O95574; P04277; Q13140; Q645G4; Q68DN5; Q6UXK4; Q86YG0; Q9P157; Q9P1I7; Q9UHS3; Q9UJZ0                   |
| Molecular Weight                 | 69,367 Da                                                                                                        |
| NCBI Official Full Name          | serum albumin preproprotein                                                                                      |
| NCBI Official Synonym Full Names | albumin                                                                                                          |
| NCBI Official Symbol             | ALB                                                                                                              |
| NCBI Official Synonym Symbols    | PRO0883; PRO0903; PRO1341                                                                                        |
| NCBI Protein Information         | serum albumin; albumin (32 AA); albumin (AA 34); growth-inhibiting protein 20; cell growth inhibiting protein 42 |
| UniProt Protein Name             | Serum albumin                                                                                                    |
| UniProt Gene Name                | <b>ALB</b>                                                                                                       |
| UniProt Entry Name               | ALBU_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/human-elisa-kits/alb-albumin/278038>