

## General Albumin (BCP) Assay Kit

Albumin (BCP) Microplate Assay Kit

|                               |                              |                                         |
|-------------------------------|------------------------------|-----------------------------------------|
| CATALOG #<br><b>AAA263943</b> | REACTIVITY<br><b>General</b> | APPLICATIONS<br><b>Functional Assay</b> |
|-------------------------------|------------------------------|-----------------------------------------|

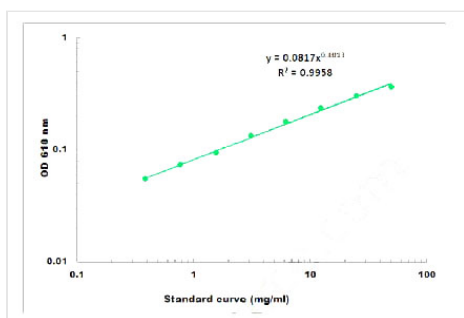
### PRODUCT SYNONYMS

Albumin (BCP); Albumin (BCP) Microplate Assay Kit; Albumin (BCP) assay kit

### PRODUCT SPECIFICATIONS

|                                                     |                                                       |
|-----------------------------------------------------|-------------------------------------------------------|
| Reactivity                                          | General                                               |
| Samples                                             | Urine, Serum, Plasma, Other Biological Fluids Samples |
| Detection Range                                     | 1 mg/ml-100 mg/ml                                     |
| Applicable Applications for Albumin (BCP) assay kit | FA (Functional Assay)                                 |
| Preparation and Storage                             | Store at 4 degree C for 6 months.                     |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for Albumin (BCP) assay kit

**Background/Introduction:** Albumin is the most abundant plasma protein in human. It accounts for about 60% of the total serum protein. Albumin plays important physiological roles, including maintenance of colloid osmotic pressure, binding of key substances such as long-chain fatty acids, bile acids, bilirubin, haematin, calcium and magnesium. It has anti-oxidant and anticoagulant effects, and also acts as a carrier for nutritional factors and drugs, as an effective plasma pH buffer. Serum albumin is a reliable prognostic indicator for morbidity and mortality, liver disease, nephritic syndrome, malnutrition and protein-losing enteropathies. High levels are associated with dehydration. Albumin (BCG) Microplate Assay Kit is designed to measure albumin directly in biological samples without any pretreatment. The improved method utilizes bromocresol green that forms a colored complex specifically with albumin. The intensity of the color, measured at 630nm, is directly proportional to the albumin concentration in the sample.

**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.