

## Total Bilirubin Assay Kit

Catalogue No.: abx298911

Total Bilirubin Assay Kit is an Assay Kit by Colorimetric Method designed for the detection and quantification of total Bilirubin concentrations in serum using a microplate reader. Bilirubin is one of the important components of bile. It is the degradation product of hemoglobin in various heme proteins under the action of a series of enzymes. It is important to the digestion and absorption of lipids and the formation of yellow distemper. Bilirubin exists in two forms: water-soluble and water-insoluble. Bilirubin has powerful antioxidant, anti-inflammatory and autoimmune properties. Low serum bilirubin is implicated in diabetes, metabolic syndrome, cardiovascular disease and other pathological states; while elevated bilirubin concentrations is indicative of hemolysis, jaundice, Gilbert syndrome, hepatitis, drug toxicity, and possible bile duct obstruction.

**Target:** Total Bilirubin

**Reactivity:** General

**Storage:** Shipped at 4 °C. Upon receipt, store the kit according to the storage instruction in the kit's manual.

**Validity:** The validity for this kit is 12 months.

**Test Range:** 0.7 µmol/L - 50 µmol/L

**Sensitivity:** 0.7 µmol/L

**Detection Method:** Colorimetric

**Assay Data:** Quantitative

**Sample Type:** Serum.

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.