

Direct Bilirubin Assay Kit

Catalogue No.: abx294061

Direct Bilirubin Assay Kit is an assay kit designed for the detection and quantification of Direct Bilirubin concentrations in serum using a microplate reader. This kit detects direct (conjugated) bilirubin and does not detect unconjugated forms of Bilirubin. 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: Direct 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:** 0.6 µmol/L - 50 µmol/L**Sensitivity:** 0.6 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.