

General Bilirubin Assay Kit

Bilirubin Microplate Assay Kit

CATALOG # AAA27889	REACTIVITY General	APPLICATIONS Functional Assay
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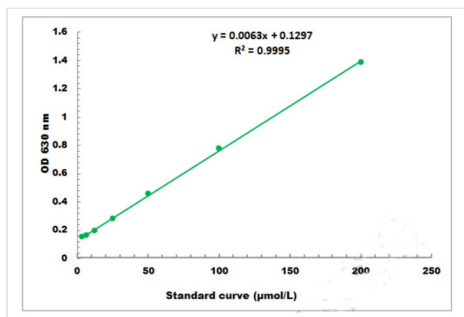
PRODUCT SYNONYMS

Bilirubin; Bilirubin Microplate Assay Kit; bilirubin; Bilirubin IXalpha; BILIRUBIN POWDER; bilirubina; Bilirubine; Cholerythrin; Hematoidin; Bilirubin assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Serum, Urine and Other biological fluids Samples
Detection Range	1 umol/L - 200 umol/L
Applicable Applications for Bilirubin assay kit	FA (Functional Assay)
Intra-assay Precision	Intra-Assay: CV < 15%
Inter-assay Precision	Inter-Assay: CV < 15% (CV (%) = SD/mean X 100)
Preparation and Storage	Store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Bilirubin assay kit

Background: Bilirubin is a yellow compound that occurs in the normal catabolic pathway that breaks down heme in vertebrates. This catabolism is a necessary process in the body's clearance of waste products that arise from the destruction of aged red blood cells. Bilirubin is one of the degradation products of hemoglobin formed when red blood cells die. Bilirubin exists in the insoluble unconjugated form (also indirect bilirubin), or soluble glucuronide conjugated form bilirubin (also direct bilirubin). Conjugated bilirubin moves into the bile canaliculi of the liver and then to the gall bladder. When stimulated by eating, bile (including the conjugated bilirubin) is excreted into the small intestine, where bilirubin is converted into urobilinogen. Bilirubin is a key diagnostic indicator. High levels of bilirubin result when too much hemoglobin is broken down or the removal of bilirubin does not function properly. The accumulation of bilirubin in the body causes jaundice. Bilirubin Microplate Assay Kit is designed to measure bilirubin in various samples in 96-well microplate. The vanadate oxidation method is used for testing the bilirubin. The color intensity at 630 nm is directly proportional to Bilirubin 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.

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Online datasheet: <https://stage.aaabiotech.com/general-assay-kits/bilirubin/27889>