

Auto Bilirubin Kit Mod. Jendrassik & Grof's Method

Intended Use:

Bilirubin is mainly formed from the heme portion of aged or damaged RBCs. It then combines with albumin to form a complex which is not water soluble. This is referred to as indirect or unconjugated bilirubin. In the liver this bilirubin complex is combined with glucuronic acid into a water soluble conjugate. This is referred to as conjugated or direct bilirubin. Elevated levels of bilirubin are found in liver diseases (hepatitis and cirrhosis), excessive hemolysis / destruction of RBC (hemolytic jaundice) obstruction of the biliary tract (obstructive jaundice) in the drug induced reactions. The differentiation between the direct and indirect bilirubin is important in diagnosing the cause of hyperbilirubinemia. Auto Bilirubin kit uses mod. Jendrassik & Grof's method to determine direct & total bilirubin in serum.

Auto Bilirubin Kit components:

L1	Direct Reagent
L2	Total Reagent
L3	Diazo A Reagent
L4	Diazo B Reagent
Other Accessories	Package Insert

System Parameters

Reaction	: End Point	Interval	: ---
Wavelength	: 546 nm	Sample Vol.	: 0.10 ml
Zero Setting	: Sample Blank	Reagent Vol.	: 1.05 ml
Incub. Temp	: R. T.	Standard	: ---
Incub. Time	: 5 min. / 10 min.	Factor	: 13
Delay Time	: ---	React. Slope	: Increasing
Read Time	: ---	Linearity	: 20 mg/dl
No. of read.	: ---	Units	: mg/dl

Storage / Stability	Temperature	Duration
Unopened kit	15-30°C	24 Months
Opened kit (Unmixed)	15-30°C	24 Months
In use stability	2-8°C	4 Days

Available Pack Sizes	
2 X 75 ml	2 X 150 ml