BIOBOON BIOTECH LLC

Innovative Diagnostics for a Healthier Tomorrow



Liver Function Marker



Detects Direct Bilirubin

Helps in Jaundice Evaluation

Reliable Results

Bilirubin Direct Test Kit

Diazotized Sulphanilic Acid Method

Quantitative determination of Direct Bilirubin in human Serum / Plasma.
Only for In Vitro Diagnostic use.



- Accurate Results
- Easy To Use
- Stable Reagents
- Wide Linearity (up to 25 mg/dL)

TEST PRINCIPLE

Direct bilirubin in the sample reacts with diazotized sulphanilic acid to form a coloured complex which is measured at 546 nm. The intensity of the color is directly proportional to the concentration of direct bilirubin in the sample.



Direct Bilirubin (in sample) → Coloured Complex (Measured at 546 nm)

KEY PARAMETERS

Wavelength I	546 nm
Wavelength II	630 nm
Reaction Temperature	37°C
Sample Volume	50 µL
Reagent Volume	1000 µL
Reaction Type	End Point
Incubation	5 mins.
Linearity	25 mg/dL

TEST PROCEDURE (MANUAL METHOD)

1. Pipette into test tubes

Working reagent	1000 µL
Sample	50 µL

2. 

Mix & incubate for 5 minutes at 37°C.

3. 
Measure absorbance at 546 / 630 nm against reagent blank.

REFERENCE VALUES

Direct Bilirubin (Normal Range)	**0.0 – 0.5 mg/dL**

SAMPLE TYPE



Serum (non-hemolysed)

Plasma (heparin)

ORDER INFORMATION

REF	Pack Size
BID 100	2 X 50 mL
BID 200	2 X 100 mL
BID 300	3 X 100 mL
BID 1000	2 X 500 mL

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