BIOBOON BIOTECH LLC

Innovative Diagnostics for a Healthier Tomorrow



Bilirubin Total Test Kit

Diazotized Sulphanilic Acid Method

Quantitative determination of Total 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



Total 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
Working 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 (Serum)

Total Bilirubin (Normal Range)	**Up to 1.2 mg/dL** (3.4 µmol/L)

SAMPLE TYPE



- **Serum** (non-hemolysed)
- **Plasma** (heparin)

ORDER INFORMATION

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

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