# **Bilirubin Total (TBIL)**

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#### **TEST OVERVIEW**

**Test Name** Bilirubin Total

**Test Code** TBIL

**Short Description** Bilirubin Total

#### **OVERVIEW**

**Test Name** Bilirubin Total

**TBIL Test Code** 

Category Biochemistry

TAT Main Lab: 6 Hour(s) Family Site: <8hrs

Specimen(s) 1 x Venous blood - 5 mL Tube - Gold - SST-Serum Separator Tube

### SPECIMEN(S)

# **SST-Serum Separator Tube**

Specimen Type SST-Serum Separator Tube

**Specimen Format** Tube Specimen Colour Gold Specimen Volume 5 mL Sampling Order 2

Origin Venous blood

Collection time after baseline

15-25°C **Transport Temperature** 

**Accepted Other Specimens** Sodium Heparin Plasma

Lithium Heparin Plasma

EDTA Plasma

Serum

TAT Main Lab: 6 Hour(s)

Family Site: <8hrs

**Test Stability** Room Temp: 1 Day(s)

2-8°C: 7 Day(s)

#### **CLINICAL INFORMATION**

#### **Total Bilirubin**

Methodology DPD

Specimen Type SST-Serum Separator Tube

Delay before pre-treatment 24

Transport Temperature 15-25°C

Transport Stability at room temp 1 Day

Transport Stability at 2–8°C 7 Day

Haemolysis interference

### **Clinical Interest**

Red blood cells at the end of their circulating lives are broken down in the reticuloendothelial system, mainly the spleen.

The resulting heme is converted to bilirubin upon removal of iron. This process accounts for about 80% of the 500 pmol (292 mg) of bilirubin formed daily. Once formed, bilirubin is transported to the liver bound to albumin. this fraction of bilirubin is referred to as indirect or unconjugated bilirubin.

Total bilirubin is the sum of the unconjugated and conjugated fractions. Total bilirubin is elevated in hepatitis, cirrhosis, hemolytic disorders, several inherited enzyme deficiencies, and conditions causing hepatic obstruction.

#### **PATIENT INFORMATION**

Clinical Information Required

**Patient Collection Notes** 

Keep away from bright light

#### **COMMENTS & NOTES**

**LOINC Code** 442-4, 34442-4

Outwork	No