



BILIRUBIN

DETERMINATION OF TOTAL AND DIRECT BILIRUBIN IN SERUM OR PLASMA

- Jendrassik-Grof Startreagent Method
- Instrument Application Sheets Available
- Use Serum or Plasma
- Wavelength 546 nm



Products	Product no.	Quantity
Total Bilirubin Reagent	2077	6 x 100 ml
Bilirubin Startreagent	2076	20 x 4 ml

SUMMARY

PRINCIPLE

Direct (conjugated) bilirubin reacts in the absence, total (unconjugated) bilirubin in the presence of caffeine and forms an azo dye with diazotised sulfanilic acid. The formation of this azo dye is directly proportional to the bilirubin concentration.

SAMPLE MATERIAL

Serum or plasma.

METHOD

Bilirubin Startreagent: Dissolve the contents of a vial Bilirubin Diazo B (2075) with 4.0 ml Bilirubin Diazo A (2074). The stability of this startreagent is at least 8 hours at 2-6 °C.

LINEARITY

Up to 250 µmol/l. Values higher than 250 µmol/l should be diluted 1+4 with saline (9 g/l NaCl) and reassayed. Multiply the results by 5.

QUALITY CONTROL

Products	Product no.	Quantity
Serodos (human) assayed	13951	6 x 5 ml
Serodos plus (human) assayed	13151	6 x 5 ml

EXPECTED VALUES

	Adults	Neonates
Total Bilirubin	Up to 17 µmol/l	Up to 200 µmol/l
Direct Bilirubin	Up to 4 µmol/l	Up to 10 µmol/l

NOTES

1. For in vitro diagnostic use only.
2. For professional use only.
3. Always contact INstru[®]chemie for the complete product insert and latest edition.
4. Printed in the Netherlands, Bilirubin-summary-280725-1.FEN