



HEMOGLOBIN

DETERMINATION OF HEMOGLOBIN IN WHOLE BLOOD

- Hemoglobincyanide Method
- Expiration date > 5 years, after production
- Ready for use
- Liquid



Products	Product no.	Quantity
Hemoglobin Reagent HICN Method	2465	1 x 500 ml

SUMMARY

ASSAY PRINCIPLE

Hemoglobin reacts with potassium hexacyanoferrate-III and potassium cyanide to form a colored complex hemoglobin-cyanide with an absorbance maximum at 540 nm. The absorbance of the complex is directly proportional to the hemoglobin concentration.

SAMPLE MATERIAL

Capillary blood, EDTA-venous blood.

Stable for 6 months when stored at -20 °C and for 7 days when stored at 2-25 °C.

LINEARITY

Up to 15.0 mmol/l.

QUALITY CONTROL

Products

For accuracy use INstrublood Plus as a control:

INstrublood Plus Normal Level (human)

INstrublood Plus Abnormal Level (human)

Hemoglobin Standards:

Hemoglobin Standard, Low Level (human)

Hemoglobin Standard, Normal Level (human)

Hemoglobin Standard, High Level (human)

For spectrophotometer / filter 540 nm check use:

Hemoglobincyanide Solution, High-normal Level

Hemoglobincyanide Solution, Low Level

Product no.

2147

2148

2494

2495

2496

2456

2457

Quantity

10 x 3 ml

10 x 3 ml

10 x 2 ml

10 x 2 ml

10 x 2 ml

12 x 5 ml

12 x 5 ml

EXPECTED VALUES

	Hb g/dl	Hb/4 mmol/l
Female	12 - 16	7.5 - 10.0
Male	14 - 18	8.7 - 11.2
Newborn	16 - 25	10.0 - 15.5
Infants	10 - 15	6.2 - 9.3
Young children	11 - 14	6.8 - 8.7
Children	12 - 16	7.5 - 10.0

NOTES

1. For in vitro diagnostic use only.
2. For professional use only.
3. Always contact InstruChemie for the complete product insert and latest edition.
4. Printed in the Netherlands, Hemoglobin-HICN-summary-280910-1.FEN