



HEMOGLOBIN

DETERMINATION OF HEMOGLOBIN IN WHOLE BLOOD

Hemoglobincyanide Method

Expiration date > 5 years

Ready for use

Liquid

Storage: Room temperature



SUMMARY

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 oC and for 7 days when stored at 2-25 oC.

LINEARITY

Up to 15.0 mmol/l.

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

QUALITY CONTROL

Products

For spectrophotometer / filter 540 nm check use:

Hemoglobincyanide Solution, High-normal Level

Hemoglobincyanide Solution, Low Level

Product no.

2456

2457

Quantity

12 x 5 ml

12 x 5 ml

PRODUCTS

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



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.

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