



AMMONIA

DETERMINATION OF AMMONIA IN PLASMA

- Enzymatic NADPH Method
- Instrument Application Sheets Available
- Use Plasma
- Incl. Standard, Controls Normal & High level
- Wavelength 340, 334, 365 nm

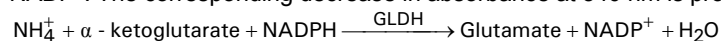


Products	Product no.	Quantity
Ammonia Reagent Set	2230	6 x 10 ml

SUMMARY

PRINCIPLE

Ammonia combines with α -ketoglutarate and NADPH in the presence of glutamatedehydrogenase (GLDH) to yield glutamate and NADP⁺. The corresponding decrease in absorbance at 340 nm is proportional to the plasma ammonia concentration.



SAMPLE MATERIAL

Use venous EDTA blood collected without a tourniquet. Centrifuge within half an hour in a stoppered tube for at least 10 minutes at 2000 g. Carry out the test as soon as possible (maximum delay: sample 2 hours on ice)

LINEARITY

Up to 530 $\mu\text{mol/l}$.

QUALITY CONTROL

Pooled serum of known concentration or commercially available control material with established values are recommended for control of precision and accuracy.

Products

Products	Product no.	Quantity
Ammonia Standard	2983	1 x 5 ml
Ammonia Control, Normal Level	2984	1 x 5 ml
Ammonia Control, High Level	2229	1 x 5 ml

EXPECTED VALUES

6.5 - 45 $\mu\text{mol/l}$

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, Ammonia-summary-290331-1.FEN