



PROTEIN (pyrogallol red)

DETERMINATION OF TOTAL PROTEIN IN URINE OR CEREBROSPINAL FLUID

- Pyrogallol Red Method

- Instrument Application Sheets Available

- For Automated Procedures

- Also available:

Protein Standard, 1000 mg/liter

Protein Control, 500 mg/liter

Sodium Dodecyl Sulphate Reagent, 1.6 gram/liter

- Wavelength 600 nm



Products	Product no.	Quantity
Total Protein Reagent Pyrogallol Red	2281	1 x 500 ml
Total Protein Reagent Pyrogallol Red	2255	6 x 100 ml
Sodium Dodecyl Sulphate Reagent	2288	1 x 100 ml
Protein Standard Concentration: 1000 mg/l	2256	10 x 4 ml
Protein Control Concentration: 500 mg/l	2257	10 x 4 ml

SUMMARY

PRINCIPLE

This method is based on measuring the shift in the absorption spectrum of a complex at 600 nm and detects also all pathological concentrations of glomerular, tubular and Bence Jones proteins.

SAMPLE MATERIAL

The urine and cerebrospinal fluid specimens should be centrifuged prior to use at 1000 x g during 5 minutes.

URINE METHOD

Request for the product insert.

CEREBROSPINAL FLUID METHOD

Request for the product insert.

QUALITY CONTROL

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

Products

	Product no.	Quantity
Serodos (human), assayed	13951	6 x 5 ml
Serodos Plus (human), assayed	13151	6 x 5 ml

EXPECTED VALUES

Urinary protein	: < 100 mg/24 hours
Cerebrospinal fluid	: 150 - 450 mg/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. Addition of Sodium Dodecyl Sulphate (SDS) (2288) to the protein reagent increases the sensitivity for some gamma globulines (see reference no.3). Add from our concentrated SDS Reagent (2288) 1.0 ml to 100 ml Total Protein Reagent (2255) or 5.0 to 500 ml Total Protein Reagent (2281) and mix. The SDS concentration in the reagent is 16 mg/l. The stability is at least one month at room temperature.
5. Printed in the Netherlands, Protein-Pyrogallol-summary-290331-1.FEN