



URINE (controls)

LYOPHILISED HUMAN URINE PREPARATION WITH ANALYTICAL RESULTS FOR SEVERAL PARAMETERS

- More than 25 different parameters
- Expiration date > 6 years
- Store at 2 – 6 °C



Products	Product no.	Quantity
Urine Control (Urinorm) Normal level	2170	10 x 10 ml
Urine Control (Uripath) Abnormal level	2171	10 x 10 ml

SUMMARY

Product name	Product no.	Quantity
Urinorm (assayed), Urine Control Normal Level	2170	10 x 10 ml

COMPOSITION

Urinorm is stabilized freeze-dried human urine which is spiked with several components in acceptable concentrations for qualitative (test strips) and quantitative urine determinations. Urinorm is available with or without analytical results.

APPLICATION

The use of Urinorm controls to monitor determinations of urine parameters is an established procedure. This stabilized control urine provides useful mean of ascertaining the accuracy and precision of measurements and is used in the same manner as patient specimens.

RECONSTITUTION

Carefully remove the cap and rubber plug avoiding any loss of contents. Pipette accurately 10.0 ml distilled water. Replace plug and let stand for 15 minutes. Swirl the vial carefully and mix thoroughly making sure that all traces of dry material have dissolved. Do not shake. Avoid foaming. Use the control as a patient sample.

ANALYTICAL RESULTS FOR: Components Urinorm

Component:	Method:
Albumin	Rate Nephelometry, IMMAGE (Beckman)
Amylase	Enzymatic G7PNP substrate, LX20 (Beckman)
Calcium	ISE, LX20 (Beckman)
Catecholamines:	
Adrenaline	HPLC, JASCO (INstruChemie)
Noradrenaline	HPLC, JASCO (INstruChemie)
Dopamine	HPLC, JASCO (INstruChemie)
Chloride	ISE, LX20 (Beckman)
Citrate	Enzymatic, UV1 SPECTROPHOTOMETER (INstruChemie)
Creatinin	Colorimetric Jaffé, LX20 (Beckman)
δ-ALA	Colorimetric (Bio-Rad)
Glucose	Enzymatic, Glucose oxidase, LX20 (Beckman)



5-HIAA	HPLC, JASCO (INstruChemie)
HVA	HPLC, JASCO (INstruChemie)
Hydroxyprolin	Colorimetric
17-Ketosteroids	Gaschromatography
Magnesium (Mg)	Colorimetric, Calmagite, LX20 (Beckman)
Metanephrines	HPLC
17-OH-Steroids	Gaschromatography
Osmolality	Freezing-point, OSMOMAT 030
Oxalate	Enzymatic, UV1 SPECTROPHOTOMETER (INstruChemie)
Phosphorus	Molybdate, UV1 SPECTROPHOTOMETER (INstruChemie)
	Molybdate, LX20 (Beckman)
Porphobilinogen	Colorimetric (Bio-Rad)
Porphyrins	HPLC
Potassium (K)	ISE, LX20 (Beckman)
Protein (Total)	Colorimetric, Pyragallol Red + Molybdate, LX20 (Beckman)
	Colorimetric, Pyragallol Red + Molybdate, UV1 (INstruChemie)
Sodium (Na)	ISE, LX20 (Beckman)
Urea	Conductivity, LX20 BUN (Beckman)
Uric acid	Enzymatic, Uricase, LX20 (Beckman)
VMA	HPLC, JASCO (INstruChemie)

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, Urinorm-Uripath-summary-290317-1.FEN