



Productcertificate Purines & Pyrimidines

Productname Control Purines & Pyrimidines

Productcode

Productcode	Colour cap
PUR-01	Purple

Batchnumbers and Expiry date

Batchnumber	Exp.date stored at +2°C to +8°C
LOT 2004.021	2012-06*

*On basis of ongoing stability-tests the Expiration date has been expanded to June 2012 (former Exp.date: 2010-06).

Reconstitution volume

5.0 mL

Calculated Consensus Values

Analyte	Calculated Consensus Value (µmol/L)	95% Confidence Interval
5-OH methyluracil	37	33 – 41
Adenine	28	25 – 31
Adenosine	41	39 – 44
Creatinine	3014	2949 – 3079
Deoxy-adenosine	59	55 – 62
Deoxy-guanosine	39	36 – 42
Deoxy-inosine	63	58 – 67
Deoxy-uridine	40	37 – 44
Dihydro-uracil	0.075	0 – 1
Guanosine	33	31 – 35
Hypoxanthine	107	101 – 113
Inosine	41	39 – 44
Orotic Acid	60	56 – 64
Orotidine	16	12 – 19
Thymidine	105	99 – 111
Thymine	68	65 – 70
Uracil	167	158 – 176
Uric Acid	293	271 – 315
Uridine	36	34 – 38
Xanthine	120	111 – 129



Consult Instructions For Use



Purines & Pyrimidines

Intended purpose

Control of analytical systems for the determination of purines and pyrimidines in urine.

Contents

Lyophilized human urine to which purines and pyrimidines have been added to achieve an analytically and physiologically relevant level of the purines and pyrimidines.

Value Assignment

The specimens are prepared from equal amounts of the specimen pools used to manufacture the ERNDIM External Quality Assessment Scheme samples. The assigned values represent the average of the mean consensus concentrations of the 4 pools equal to the concentrations in the annual report (see reverse of this productcertificate).

Storage and stability

The product in lyophilized form is stable for 5 years when stored at +2°C to + 8°C. Expiration dates are found on the productcertificate (reverse). The stability of the reconstituted product is 48 hours when handled appropriately: pure water, replacement of stopper and storage at 2-8 °C.

Instructions for use

- a. Remove cap and stopper. Open the vial carefully avoiding any loss of material.
- b. Add 5 mL aqua destillata (at room temperature)
- c. Replace stopper
- d. Let stand for 15 minutes at roomtemperature
- e. Mix carefully
- f. Analyse as patient sample

Precautions and warnings

1. For *in vitro* diagnostic use only.
2. This product should be handled with care, as appropriate for biological materials. Outdated and left-over material should be discarded as potentially infectious material, according to the procedures in your institute.

References

www.ERNDIMQA.nl

11 September 2007
Dr. C.W. Weykamp