

EUM17041 - 6-Levels Calibrators, lyophil.

LYOPHILIZED CALIBRATORS IN URINE

FOR CATECHOLAMINES, FREE METANEPHRINES AND
SEROTONINE IN URINE

Ref. EUM17041

Lot. M1741XXXX

 XX/XXXX

 CE

Intended use:

EUM17041 is a lyophilized calibrator useful for the calibration of the analytical system. Calibrator has 7 concentration levels (Cal0 - Cal6) and it is based on lyophilized human urine. After following reconstitution instructions, calibrators should be handled in the same way as real samples.

Reconstitution:

Carefully remove the rubber cup from the vial and add exactly 1.0 mL of HCl 0.1 M. Close the vials and allow it to stand at room temperature for 10-15 min. Its content should be shaken and melted until completely blended. In order to ensure a proper homogenization, mix gently for reversal before use.

Storage and stability:

Storage: stock at -20 °C avoiding direct light and heat exposure.

Stability:

- Before reconstitution: until the expiry date on the label has been reached.
- After reconstitution: 10 days if well closed and avoided direct light exposure at +2 - 8 °C
up to 3 months if well closed and avoided direct light exposure at -20 °C

Packaging:

Calibrators, lyophilized human urine – Cathecolamines, Metanephrines and Serotonine; Levels 0-6,
2 x 7 x 1.0 mL

Catalogue number: EUM17041

Precautions for use:

This product may contain unknown infectious agents and for this reason, it's recommended to handle the product using adequate safety measures.

Calibration levels and concentrations*:

ANALYTE	UNIT OF MEASURE	CAL 0	CAL 1	CAL 2	CAL 3	CAL 4	CAL 5	CAL 6
Adrenaline	ng/mL	0.00	5.00	20.0	100	200	500	1000
Noradrenaline	ng/mL	0.00	5.00	20.0	100	200	500	1000
Dopamine	ng/mL	0.00	20.0	60.0	120	360	720	2160
Metanephrine	ng/mL	0.00	2.50	15.0	60.0	240	1200	2400
Normetanephrine	ng/mL	0.00	2.50	15.0	60.0	240	1200	2400
3-Methoxytyramine	ng/mL	0.00	7.50	30.0	150	300	750	1500
Serotonine	ng/mL	0.00	30.0	90.0	180	540	1080	3240

ANALYTE	UNIT OF MEASURE	CAL 0	CAL 1	CAL 2	CAL 3	CAL 4	CAL 5	CAL 5
Adrenaline	nmol/L	0.00	27.3	109	546	1092	2729	5458
Noradrenaline	nmol/L	0.00	29.6	118	591	1182	2955	5911
Dopamine	nmol/L	0.00	131	392	783	2350	4700	14101
Metanephrine	nmol/L	0.00	12.7	76.1	304	1217	6084	12168
Normetanephrine	nmol/L	0.00	13.7	81.9	328	1310	6550	13100
3-Methoxytyramine	nmol/L	0.00	44.9	179	897	1794	4485	8971
Serotonine	nmol/L	0.00	170	511	1022	3065	6129	18387

* The above-mentioned concentrations are referred exclusively to EUM17041 lot M1741XXXX expiring on XX/XXXX.