



PZ CORMAY
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DIAGNOSTIC KIT FOR DETERMINATION OF **MICROALBUMIN** CONCENTRATION

ADVANTAGES:

- ❖ high sensitivity of method: **0,3 mg/l**
- ❖ stability on board – **7 weeks**
- ❖ determination of albumin concentration **in urine and cerebrospinal fluid**

MORE USEFUL INFORMATION

INTENDED USE

Sets are intended to detect microalbuminuria, an early indicator of deteriorating renal function which is manifested by appearance of low but abnormal concentration of albumin in urine. These low amounts of albumin in urine, undetectable with routine tests, can be determined with MICROALBUMIN set.

CHARACTERISTICS

- ❖ **Limit of detection:** 0.3 mg/l.
- ❖ **Analytical range:** This assay is linear across the calibration range. For higher concentration of albumin dilute the sample with 0.9% NaCl and repeat the assay. Multiply the result by dilution factor.
- ❖ **Interferences**
Ascorbate up to 20 mg/dl, creatinine up to 300 mg/dl and glucose up to 3000 mg/dl do not interfere with the test.
- ❖ **Method comparison**
A comparison between CORMAY kit (y) and another commercially available kit (x) using 50 samples gave following results:
 $y = 0.973 x + 1.366 \text{ mg/l}$;
 $R = 0.999$ (R – correlation coefficient)
- ❖ **Precision**

Repeatability (run to run) n=20	Mean	[mg/l]	SD
level 1	24.4	0.48	1.98
level 2	41.5	0.81	1.96

Reproducibility (day to day) n=20	Mean	[mg/l]	SD
level 1	24.9	0.56	2.24
level 2	43.1	1.06	2.46



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AUTOMATED ANALYZERS APPLICATION

Applications available for analyzers :

- ❖ Olympus AU400/AU640
- ❖ Hitachi 911/912
- ❖ Prestige 24i
- ❖ Biolis Premium
- ❖ Accent 200
- ❖ Accent 300
- ❖ BS-300
- ❖ BS-400

Cat.no	Name	R1	R2	Tests per kits
7-244	ACCENT-200 MICROALBUMIN	2 x 12 ml	2 x 3,2 ml	100
7-344	ACCENT-300 MICROALBUMIN	2 x 24 ml	2 x 5,6 ml	200
7-444	A-400 MICROALBUMIN	2 x 24 ml	2 x 5,6 ml	200
4-544	HC - MICROALBUMIN	2 x 48,6 ml	2 x 10,9 ml	300
9-463	OS - MICROALBUMIN	2 x 13,5 ml	2 x 3,5 ml	100
4-244	PRESTIGE 24i MICROALBUMIN (24 tray)	2 x 15,1 ml	2 x 4,5 ml	120
4-444	PRESTIGE 24i MICROALBUMIN (36 tray)	2 x 17,3 ml	2 x 4,8 ml	150
2-312	CORMAY MICROALBUMIN mini	2 x 25 ml	1 x 10 ml	-
2-314	CORMAY MICROALBUMIN 30	4 x 25 ml	1 x 20 ml	-
2-315	CORMAY MICROALBUMIN 60	4 x 50 ml	1 x 40 ml	-
2-316	CORMAY MICROALBUMIN 120	4 x 100 ml	1 x 80 ml	-
2-317	CORMAY MICROALBUMIN 500	4 x 400 ml	1 x 320 ml	-

For internal quality control we recommend control serum **CORMAY MICROALBUMIN CONTROL** (Cat. No 4-461) available in set 1 x 2 ml.

For calibration we recommend **CORMAY MICROALBUMIN CALIBRATOR** (Cat. No 5-193) available in set 1 x 2 ml.