



AN ITALIAN COMPANY THAT RESEARCHES, DEVELOPS AND PRODUCES READY TO USE KITS
USING CHROMATOGRAPHIC TECHNIQUES FOR CLINICAL LABORATORIES

CONTROL LYOPHIL MULTIPARAMETRIC IN URINE FOR OCCUPATIONAL TOXICOLOGY - LEVELS 1 and 2

*(Phenylglyoxilic Acid, Hippuric Acid, Methylhippuric Acids, Mandelic Acid, t,t-Muconic Acid,
1-Hydroxypyrene, trans 1,2-Ciclohexanediol, Trichloroacetic Acid, s-Phenylmercapturic Acid)*

Code Z38019

OBJECTIVE

These controls in urine are used for internal quality control and serve to keep under control the accuracy and precision of the analytical procedures dedicated to the quantitative determination of the analytes contained therein. These controls are lyophilized in human matrix and are available in two different concentration range.

RECONSTITUTION



Remove the metal seal and rubber stopper from the vial. Add exactly 10 ml of HPLC grade H₂O in the vial. Replace the rubber stopper, shake and let stand for 5 to 10 minutes. Before use, mix by inverting the vial to dissolve the material until a homogeneous clear solution.

STORAGE AND STABILITY

The controls are stable for 36 months from the date of preparation if stored at 2-8 ° C. After reconstitution are stable 7 days at 2-8 ° C and 3 months at -20 ° C. Trichloroacetic Acid is stable 1 month at -20°C. Do not use after the expiry date.

PRECAUTIONS

These controls in human matrix should be treated with care and treated as potentially infectious.



LOT		

PACKAGING AVAILABLE:

- Z38019 CONTROL IN URINE MULTIPARAMETRIC FOR OCCUPATIONAL TOXICOLOGY - LEVELS 1 and 2
2 x 5 x 10 ml

N° 003	06/2024
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CONCENTRATIONS
CODE Z38019

LOT		

ANALYTE	MEASUREMENT UNIT	MEDIUM VALUE L1	RANGE L1	MEDIUM VALUE L2	RANGE L2
Phenylglyoxilic Acid	mg/l	104,6	73,2 – 136,0	517,8	362,5 – 673,1
Hippuric Acid	mg/l	632,2	442,6 – 821,9	1.744,9	1.221,4 – 2.268,3
Mandelic Acid	mg/l	281,0	196,7 – 365,3	1.046,4	732,5 – 1.360,4
o-Methylhippuric Acid	mg/l	172,1	120,4 – 223,7	626,5	438,6 – 814,5
p-Methylhippuric Acid	mg/l	162,0	113,4 – 210,5	643,7	450,6 – 836,8
m-Methylhippuric Acid	mg/l	169,4	118,6 – 220,2	650,5	455,3 – 845,6
t,t-Muconic Acid	µg/l	120,9	84,6 – 157,2	1.592,4	1.114,7 – 2.070,2
1-Hydroxypyrene	ng/l	1.034,1	723,9 – 1.344,3	3.151,6	2.206,1 – 4.097,1
trans 1,2-Ciclohexanediol	mg/l	27,0	18,9 – 35,0	139,4	97,6 – 181,2
Trichloroacetic Acid	mg/l	23,7	16,6 – 30,7	72,5	50,7 – 94,2
s-Phenylmercapturic Acid	µg/l	17,9	12,5 – 23,3	48,6	34,0 – 63,2

This product fulfils all the requirements of Directive 98/79/EC of 27/10/1998 on *in vitro* diagnostic medical devices (IVD). The declaration of conformity is available upon request.

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FOR IN VITRO DIAGNOSTIC USE ONLY



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