



The World's Largest Range of Diagnostic Kits for Analytical Chromatographic Systems (HPLC, GC , GC-MS, LC-MS/MS)



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-Phenylmercaptopuric 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		
015	March 2019	March 2022

PACKAGING AVAILABLE:




- Z38017 CONTROL IN URINE MULTIPARAMETRIC FOR OCCUPATIONAL TOXICOLOGY - LEVEL 1
5 x 10 ml

- Z38018 CONTROL IN URINE MULTIPARAMETRIC FOR OCCUPATIONAL TOXICOLOGY - LEVEL 2
5 x 10 ml

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

CONCENTRATIONS

CODE Z38019

		
015	March 2019	March 2022

LEVEL 1

<i>ANALYTE</i>	<i>MEASUREMENT UNIT</i>	<i>MEDIUM VALUE</i>	<i>RANGE</i>
Phenylglyoxilic Acid	mg/l	109,8	76,9 – 142,8
Hippuric Acid	mg/l	617,8	432,4 – 803,1
Mandelic Acid	mg/l	307,6	215,3 – 399,9
o-Methylhippuric Acid	mg/l	181,8	127,3 – 236,4
p-Methylhippuric Acid	mg/l	186,9	130,8 – 243,0
m-Methylhippuric Acid	mg/l	177,6	124,3 – 230,9
t,t-Muconic Acid	µg/l	112,3	78,6 – 146,0
1-Hydroxypyrene	ng/l	822,9	576,0 – 1.069,7
trans 1,2-Ciclohexanediol	mg/l	25,7	18,0 – 33,4
Trichloroacetic Acid	mg/l	18,2	12,8 – 23,7
s-Phenylmercapturic Acid	µg/l	10,4	7,2 – 13,5

LEVEL 2

<i>ANALYTE</i>	<i>MEASUREMENT UNIT</i>	<i>MEDIUM VALUE</i>	<i>RANGE</i>
Phenylglyoxilic Acid	mg/l	489,0	342,3 – 635,7
Hippuric Acid	mg/l	1.872,3	1.310,6 – 2.434,0
Mandelic Acid	mg/l	1.110,3	777,2 – 1.443,3
o-Methylhippuric Acid	mg/l	670,6	469,4 – 871,8
p-Methylhippuric Acid	mg/l	702,6	491,8 – 913,3
m-Methylhippuric Acid	mg/l	688,2	481,8 – 894,7
t,t-Muconic Acid	µg/l	1.427,5	999,3 – 1.855,8
1-Hydroxypyrene	ng/l	4.331,4	3.032,0 – 5.630,9
trans 1,2-Ciclohexanediol	mg/l	137,8	96,4 – 179,1
Trichloroacetic Acid	mg/l	73,2	51,2 – 95,1
s-Phenylmercapturic Acid	µg/l	62,7	43,9 – 81,5

This product fulfills all the requirements of Directive 98/79/EC of 27/10/1998 and D.L. n.332 of 08/09/2000 on in vitro diagnostic medical devices (IVD). The declaration of conformity is available upon request.



FOR IN VITRO DIAGNOSTIC USE ONLY

produced by



The ONLY Italian Company that Researches, Develops and Produces
diagnostic KITS for HPLC, GC, GC-MS, LC-MS/MS

COMPANY WITH
MANAGEMENT SYSTEM
CERTIFIED BY DNV
= ISO 9001 =
= ISO 13485 =

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