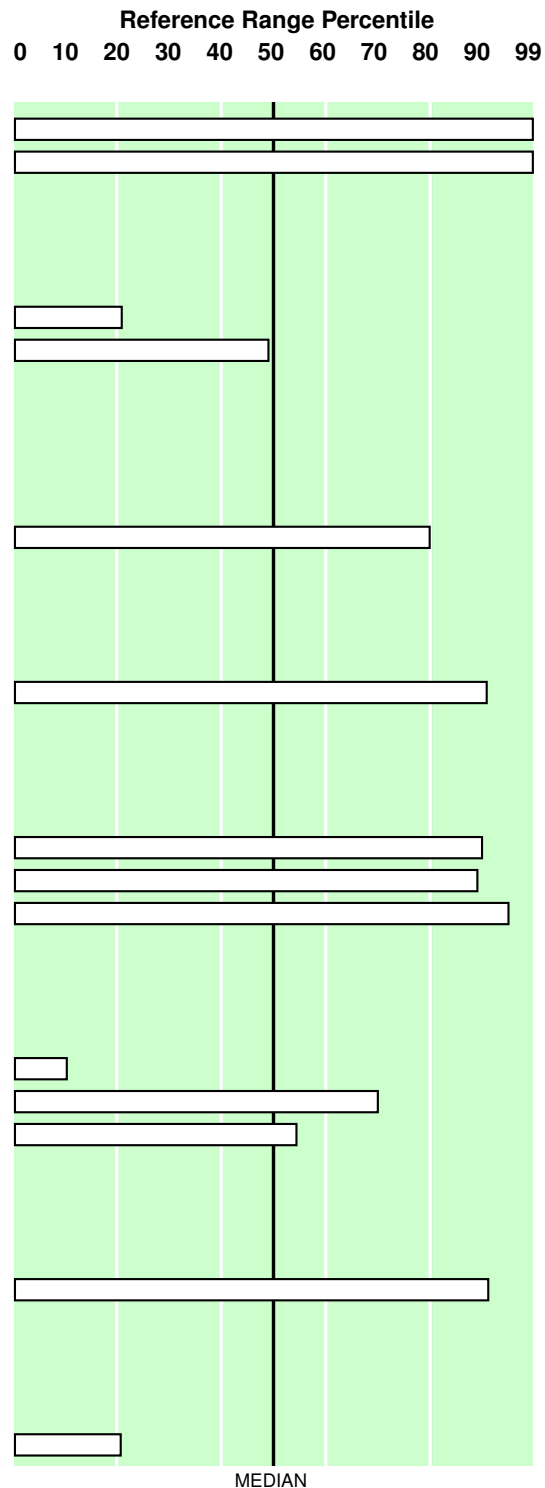


Physician:
Patient: Sample Report
Accession: 2019XXXXXX

Sex: F **Collected:** 05/23/2019
Age: 39 **Received:** 05/30/2019
Sample Type: Dried Urine **Completed:** 06/11/2019

Analyte	Result	Reference Range	Reference Range Percentile	
Xylene Exposure				
1	3-Methylhippurate	0.63	< 0.15	(H)
2	2-Methylhippurate	0.28	< 0.04	(H)
Toluene Exposure				
3	Hippurate	41.21	< 672.00	
4	Benzoate	1.21	< 7.00	
Benzoate is metabolized to Hippurate. Elevations may cause elevated Hippurate independent of Toluene.				
Benzene Exposure				
5	t,t-Muconic Acid	0.10	< 0.17	
Trimethylbenzene Exposure				
6	3,4-Dimethylhippurate	0.02	< 0.02	(H)
Styrene Exposure				
7	Mandelate	0.41	< 0.40	(H)
8	Phenylglyoxylate	0.39	< 0.40	
9	Mandelate + Phenylglyoxylate	0.80	< 0.64	(H)
Phthalate Exposure				
10	Monoethyl Phthalate	<0.03	< 0.13	
11	Phthalate	0.09	< 0.18	
12	Quinolinate	3.97	< 7.20	
Paraben Exposure				
13	Para-Hydroxybenzoate	2.24	< 1.40	(H)
Methyl Tert-butyl Ether Exposure				
14	Alpha-Hydroxyisobutyrate	3.62	< 8.00	



Reference range updated 2/01/2018. Reference range is not gender adjusted. Reference range is age adjusted for children.

Method: LC/MS/MS

This test is not intended to diagnose, treat, cure, or prevent any disease or replace the medical advice and/or treatment obtained from a qualified healthcare practitioner. US BioTek Laboratories, Inc. has developed and determined the performance characteristic of this test under the Clinical Laboratory Improvement Amendments (CLIA). This test has not been evaluated by the U.S. Food and Drug Administration and is considered for investigational and research purposes only. This test does not assess for neonatal inborn errors of metabolism and is based on stable renal function and normal renal clearance.

The analytes on the panel are subject to change without prior notice.

Lactate is reported as D- and L-Lactate combined on UMP.

CLIA : 50D0965661 COLA accredited

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