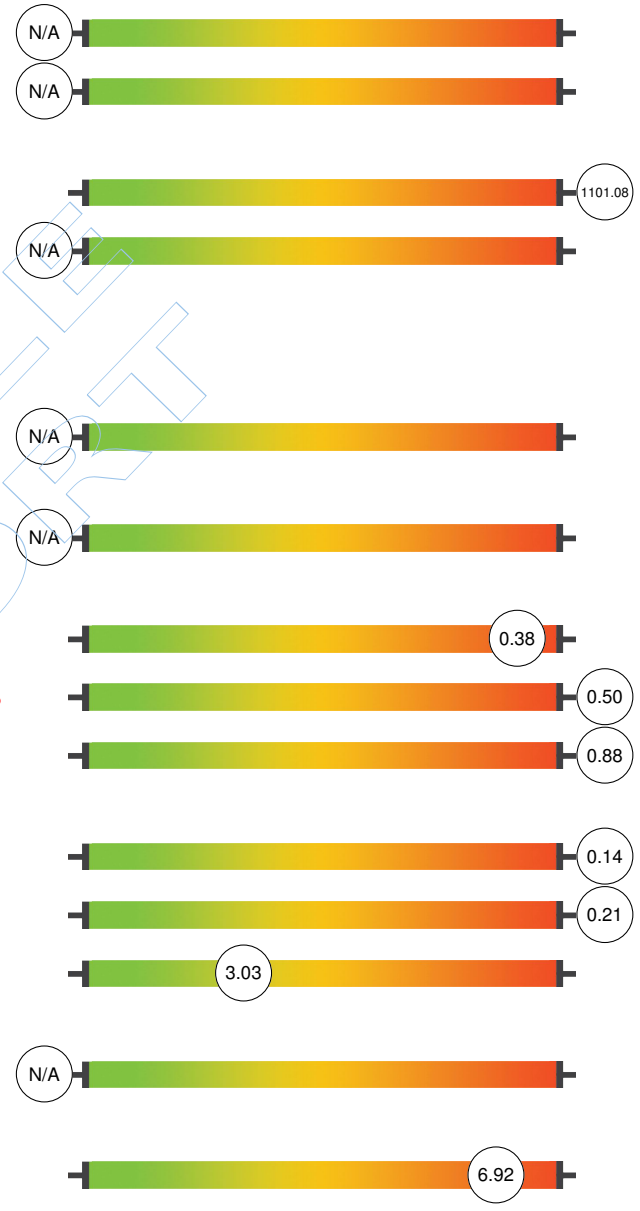
Environmental Pollutants Profile

Provider: sample
Patient: sample
Accession #:

Sex:
Age:
Sample Type: Urine Card

Collected:
Received:
Completed:

Analyte	Result (μg/mg creatinine)	Reference Range	Population Percentile
Xylene Exposure			
1. 3-Methylhippurate	<LLOQ	< 0.18	N/A
2. 2-Methylhippurate	<LLOQ	< 0.06	N/A
Toluene Exposure			
3. Hippurate (H)	1101.08	< 768.53	99%
4. *Benzoate*	<LLOQ	< 6.87	N/A
Benzene Exposure			
5. t,t-Muconic Acid	<LLOQ	< 0.15	N/A
Trimethylbenzene Exposure			
6. 3,4-Dimethylhippurate	<LLOQ	< 0.01	N/A
Styrene Exposure			
7. Mandelate	0.38	< 0.34	88%
8. Phenylglyoxylate (H)	0.50	< 0.30	100%
9. Mandelate + Phenylglyoxylate (H)	0.88	< 0.61	98%
Phthalate Exposure			
10. Monoethyl Phthalate (H)	0.14	< 0.10	90%
11. Phthalate (H)	0.21	< 0.17	90%
12. Quinolinate	3.03	< 5.37	28%
Paraben Exposure			
13. Para-Hydroxybenzoate	<LLOQ	< 1.43	N/A
Methyl Tert-butyl Ether Exposure			
14. Alpha-Hydroxyisobutyrate	6.92	< 6.35	83%



Benzoate is metabolized to Hippurate. Elevations may cause elevated Hippurate independent of Toluene.

Reference range updated 5/21/2021. Reference range is not gender adjusted. Reference range is age adjusted for children. Method: LC/MS/MS. LLOQ: Lower limit of quantitation ULOQ: Upper limit of quantitation. Lactate is reported as D- and L-Lactate combined on OAP. 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 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. This test does not assess for neonatal inborn errors of metabolism and is based on stable renal function and normal renal clearance.