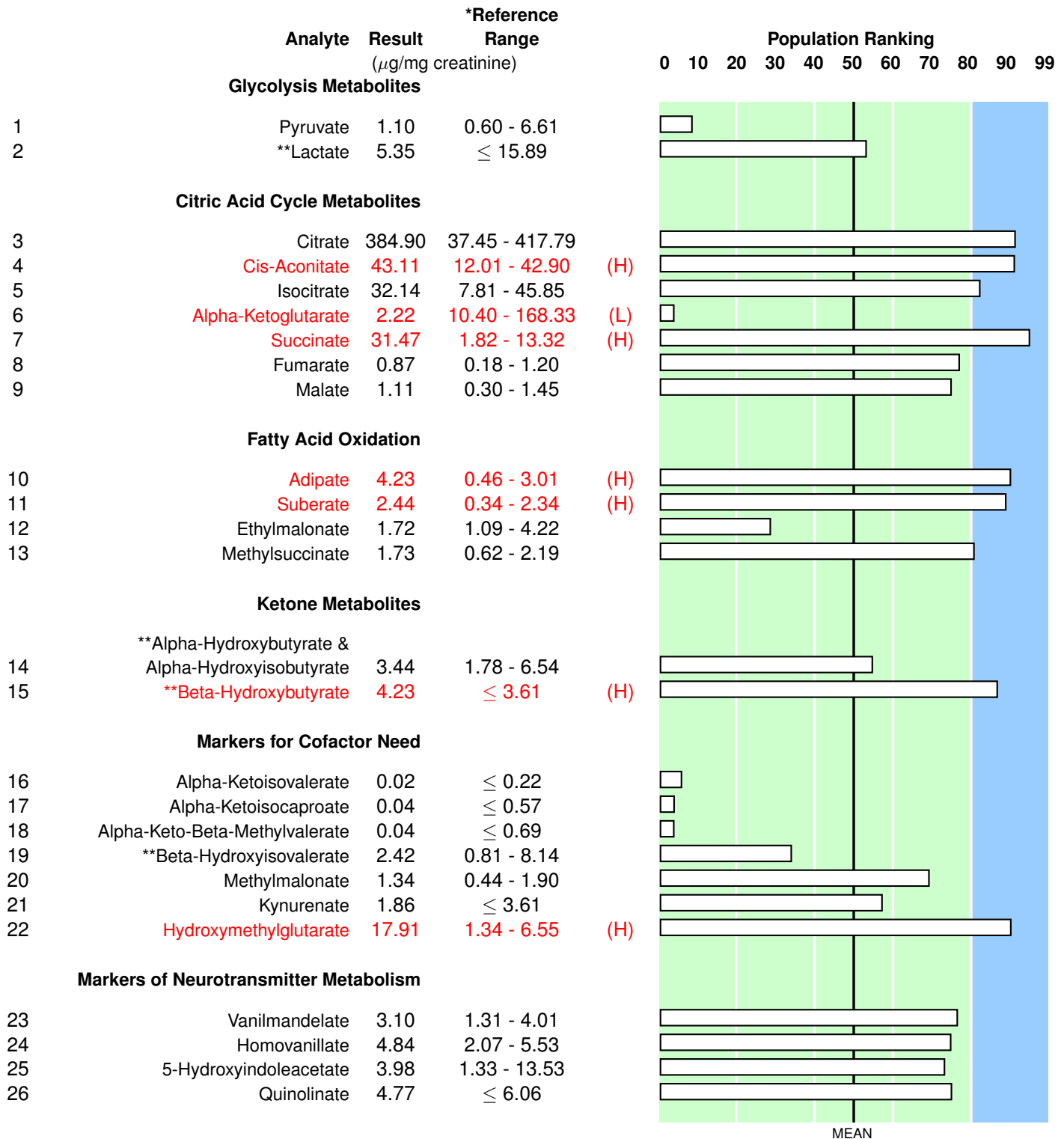


Physician:
Patient:
Accession #:

Sex: F **Collected:** 02/07/2016
Age: 14 **Received:** 02/19/2016
Sample Type: Urine Strip **Completed:** 02/25/2016



*Reference range updated 1/2/2013. Reference ranges are gender specific and periodically updated; Results are age adjusted for children.

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. Alpha-Hydroxybutyrate is reported as Alpha-Hydroxybutyrate and Alpha-Hydroxyisobutyrate combined.

**Reference range is not gender or age adjusted.

CLIA : 50D0965661

http://www.usbiotek.com/

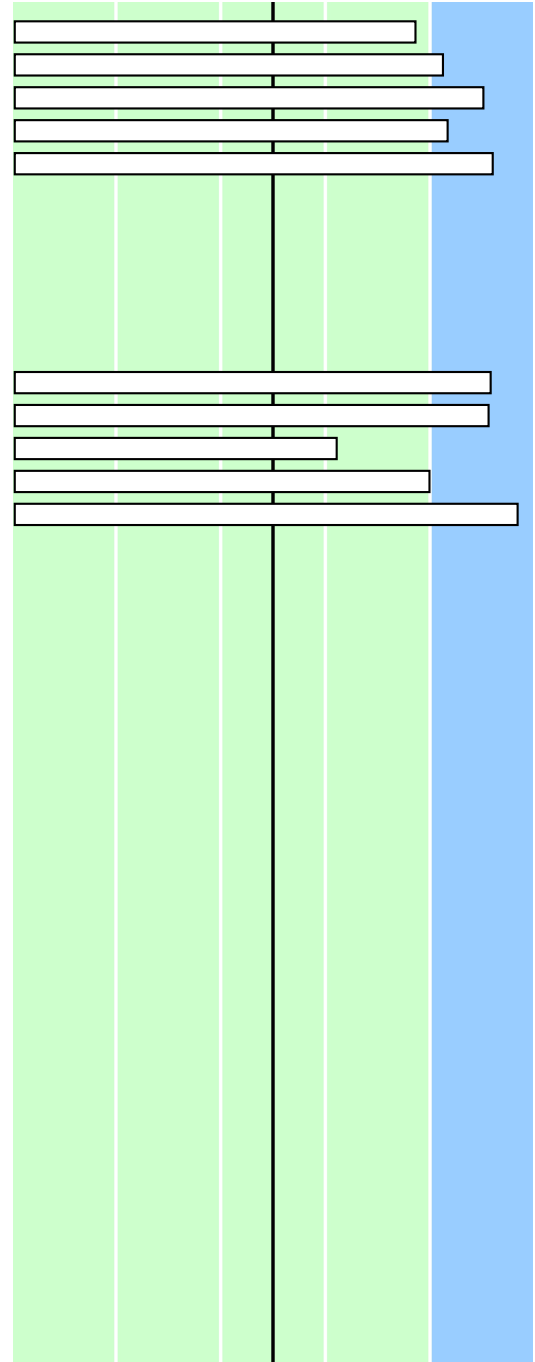
Physician:
Patient:
Accession #:

Sex: F **Collected:** 02/07/2016
Age: 14 **Received:** 02/19/2016
Sample Type: Urine Strip **Completed:** 02/25/2016

	Analyte	Result	*Reference Range
		($\mu\text{g}/\text{mg}$ creatinine)	
Markers of Detoxification			
27	Para-Hydroxyphenyllactate	0.98	0.31 - 1.21
28	Orotate	0.50	0.14 - 0.64
29	Pyroglutamate	21.03	6.66 - 23.87
30	**Benzoate	1.93	≤ 4.09
31	Hippurate	619.29	12.90 - 663.16

	Analyte	Result	*Reference Range	
Markers of Bacterial Metabolism				
32	Para-Hydroxybenzoate	2.79	0.45 - 2.66	(H)
33	Para-Hydroxyphenylacetate	31.80	5.70 - 21.45	(H)
34	2-Hydroxyphenylacetate	0.71	0.35 - 1.04	
35	3-Indoleacetate	5.81	0.59 - 10.53	
36	Tricarballylate	1.19	≤ 0.79	(H)

Population Ranking
0 10 20 30 40 50 60 70 80 90 99



MEAN

*Reference range updated 1/2/2013. Reference ranges are gender specific and periodically updated; Results are age adjusted for children.

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. Alpha-Hydroxybutyrate is reported as Alpha-Hydroxybutyrate and Alpha-Hydroxyisobutyrate combined.

**Reference range is not gender or age adjusted.

CLIA : 50D0965661

<http://www.usbiotek.com/>