

UNITYPOINT HEALTH - MERITER LABORATORIES
TEST ANNOUNCEMENT

Update: Chemistry Standardization Changes - New Effective Date

04/29/2025

Effective **May 13, 2025**, UPH-Meriter Laboratories will be standardizing Chemistry test orders, reference ranges, and units of measure to align with UPH System Lab standards.

Order Code Changes:

Current Lab Order	Current SQ Code	Current EAP Number	New Lab Order	New SQ Code	New EAP Number
**New	N/A	N/A	Creatinine Amniotic Fluid	FCREA	LAB2008
**New	N/A	N/A	HCG, Tumor Marker	HCGT	LAB752
Alcohol (Medical/Non-Legal), Plasma	ALC	LAB46	Alcohol (Ethanol)	ETOH	LAB46
Beta-Hydroxybutyrate, Plasma	BHB	LAB2551	Beta-Hydroxybutyrate	BOHB	LAB2551
Blood Urea Nitrogen, Body Fluid	FBUN	N/A	Urea Nitrogen, Body Fluid	FBUN	LAB2016
C-reactive Protein Inflammatory	ICRP	LAB2392	C-Reactive Protein	CRPL	LAB149
Gentamicin, Random, Plasma or Serum	GENTRA	LAB27	Gentamicin level, random	GENT	LAB27
Hepatitis A IgM Antibody, Serum	HAVABB	LAB798	Hepatitis A antibody, IgM	HAVAB	LAB798
Hepatitis Acute Panel	ACUTEZ	LAB2517	Hepatitis Panel, Acute	HBAT	LAB551
Hepatitis B Surface Antibody	HBSAB	LAB472	Hepatitis BS AB QL/QN	HBSQAB	LAB3480
Iron Deficiency Panel	IRONP	LAB2566	Iron and Iron Binding	IRONP	LAB829
Lipid Panel	LIPIDS	LAB18	Lipid panel	LIPIDP	LAB18
Progesterone, Serum	PROG	LAB529	Progesterone	PROGST	LAB529

Prostate Specific Antigen Medicare Screen	PSASCM	LAB2683	Prostate Specific Antigen Screen	PSASCM	LAB2684
Rubella IgG, Immune Status, Serum	RUBIMM	LAB496	Rubella IgG Screen	RUBEAB	LAB496
T4 (Thyroxine), Free, Plasma	FT4C	LAB127	T4 (Thyroxine), free	T4FREE	LAB127
Testosterone, Total, Serum	TESTL	LAB124	Testosterone Total	TESTTA	LAB124
Tobramycin, Random, Plasma	TOBRA	LAB37	Tobramycin level, random	TOB	LAB37
TSH, Ultra-Sensitive, Plasma	TSH	LAB129	TSH (3 rd generation)	TSH3G	LAB129
TSH with Reflex T4 Free, Plasma	TSHR	LAB5113	TSH with Free T4 Reflex	TSH3GR	LAB5113
Urine Microalbumin Timed	UMAUT	LAB5127	Microalbumin, Urine, 24 Hour	MALB24	LAB410
Urine Microalbumin, Random	UMAR	LAB2109	Microalbumin Urine Random	ALBMIN	LAB2109
Vancomycin, Random, Plasma or Serum	VANRA	LAB40	Vancomycin, random	VANCO	LAB40

Units of Measure & Reference Range Changes

Lab Test	Current Unit of Measure & Reference Range			New Unit of Measure & Reference Range starting 04/29/2025		
Acetaminophen	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	0+	0.0-30.0 ug/mL	ALL	0+	<30.0 ug/mL
Alkaline Phosphatase	Sex	Age	Reference Range	Sex	Age	Reference Range
	F	18+	35-104 U/L	F	19+	35-104 U/L
	F	13-17	0-186 U/L	F	17-18	45-87 U/L
	M	18+	40-129 U/L	F	15-16	50-117 U/L
	M	13-17	0-389 U/L	F	13-14	57-254 U/L
	ALL	7-12	0-299 U/L	M	19+	40-129 U/L
	ALL	4-6	0-268 U/L	M	17-18	55-149 U/L
	ALL	1-3	0-280 U/L	M	15-16	82-331 U/L
	ALL	7M-11M	0-461 U/L	M	13-14	116-468 U/L
	ALL	7D-6M	0-448 U/L	ALL	10-12	129-417 U/L

	ALL	3D-6D	0-230 U/L	ALL	1-9	142-335 U/L
	ALL	0-2D	0-249 U/L	ALL	15D-11M	122-469 U/L
				ALL	0-14D	83-248 U/L
ALT	Sex	Age	Reference Range	Sex	Age	Reference Range
	F	12+	0-33 U/L	F	12+	<33 U/L
	M	12+	0-41 U/L	M	12+	<41 U/L
AST	Sex	Age	Reference Range	Sex	Age	Reference Range
	F	18+	0-33 U/L	F	18+	<33 U/L
Beta Hydroxybutyrate	Unit Decimal Places: 2			Unit Decimal Places: 1		
	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	18+	0.10-0.20 mmol/L	ALL	0+	0.1-0.2 mmol/L
	ALL	0-17	0.02-0.27 mmol/L			
BUN	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	18-59	6-21 mg/dL	ALL	1-59	6-20 mg/dL
	F	10-17	6-21 mg/dL			
	M	10-17	8-23 mg/dL			
	ALL	1-9	6-21 mg/dL			
C-Reactive Protein	Units: mg/dL			Units: mg/L		
	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	8D+	0.0-0.8 mg/dL	ALL	0+	<5.0 mg/L
	ALL	3D-7D	0.0-0.2 mg/dL			
	ALL	0-2D	0.0-0.3 mg/dL			
Calcium, Urine, 24 Hour	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	17+	100.0-320.0 mg/(24.h)	ALL	17+	100.0-300.0 mg/(24.h)
Chloride	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	18+	98-107 mmol/L	ALL	0+	98-107 mmol/L
	ALL	0-17	97-108 mmol/L			
Cholesterol, Total	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	18+	0-199 mg/dL	ALL	18+	0-200 mg/dL
CK	Sex	Age	Reference Range	Sex	Age	Reference Range
	F	16+	0-175 U/L	F	18+	26-192 U/L
	M	16+	0-250 U/L	F	16-17	0-175 U/L
				M	18+	39-308 U/L

				M	16-17	0-250 U/L
CO2, Total	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	18+	22-29 mmol/L	ALL	0+	22-29 mmol/L
	ALL	0-17	23-32 mmol/L			
Cotinine, Urine	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	0	NEG	ALL	0	NONE DETECTED
Creatinine	Sex	Age	Reference Range	Sex	Age	Reference Range
	M	15-17	0.50-1.00 mg/dL	M	15-17	0.50-1.20 mg/dL
Creatinine, Amniotic Fluid	**New Test			Sex	Age	Reference Range
				ALL	0+	<i>Not Defined</i>
Digoxin Level	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	18+	0.8-2.0 ng/mL	ALL	0+	0.8-2.0 ng/mL
	ALL	0-17	1.0-2.0 ng/mL			
Estradiol	Sex	Age	Reference Range	Sex	Age	Reference Range
	F	55+	0-55 pg/mL	F	0+	<i>Not Defined*</i> <i>*Interpretive note appending to female results</i>
	F	1-9	6-17 pg/mL			
	F	0-11M	<i>Not Defined</i>			
	M	10+	8-43 pg/mL	M	10+	11-43 pg/mL
Ethanol, Urine	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	0+	<i>Not Defined</i>	ALL	0+	NONE DETECTED
Ferritin	Sex	Age	Reference Range	Sex	Age	Reference Range
	F	18+	20-204 ng/mL	F	18+	13-150 ng/mL
Folate	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	60+	5.6-45.8 ng/mL	ALL	0+	>4.5 ng/mL
	ALL	20-59	4.4-31.0 ng/mL			
	ALL	12-19	5.0-27.2 ng/mL			
	ALL	4-11	8.6-37.7 ng/mL			
	ALL	0-3	<i>Not Defined</i>			
Follicle Stimulating Hormone	Sex	Age	Reference Range	Sex	Age	Reference Range
	F	1-8	0.7-6.0 m[IU]/mL	F	1+	<i>Not Defined*</i> <i>*Interpretive note appending to female results</i>
	M	70+	4.5-55.0 m[IU]/mL			
	M	50-69	3.0-28.0 m[IU]/mL			
	M	10-49	1.5-12.4 m[IU]/mL	M	18+	1.5-12.4 m[IU]/mL
	M	1-9	0.3-4.5 m[IU]/mL	M	1-17	<i>Not Defined*</i>

						<i>*Interpretive note appending to male results</i>
Gamma GT	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	10-17	0-29 U/L	F	0+	5-36 U/L
	ALL	1-9	0-20 U/L	M	0+	8-61 U/L
	ALL	7M- 11M	0-32 U/L			
	ALL	4M- 6M	0-55 U/L			
	ALL	3M	0-90 U/L			
	ALL	1M- 2M	0-115 U/L			
	ALL	6D- 30D	0-230 U/L			
	ALL	0-5D	50-400 U/L			
Haptoglobin	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	0-2D	5-50 mg/dL	ALL	0+	30-200 mg/dL
HCG, Quantitative	Sex	Age	Reference Range	Sex	Age	Reference Range
	F	55+	0-8 m[IU]/mL	F	0+	<i>Not Defined*</i>
	F	11-54	0-5 m[IU]/mL	<i>*Interpretive note appending to female results</i>		
	M	0+	0-3 m[IU]/mL	M	0+	<i>Not Defined</i>
HCG, Tumor Marker	**New Test			Sex	Age	Reference Range
				ALL	3M+	<1 m[IU]/mL
HDL Cholesterol	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	2-17	46-125 mg/dL	F	0+	>50 mg/dL
	ALL	0-1	<i>Not Defined</i>	M	0+	>40 mg/dL
High Sensitivity CRP	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	8D+	0.2-0.9 mg/L	ALL	18+	0.0-5.0 mg/L
Indirect Bilirubin	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	0+	0.2-1.4 mg/dL	ALL	18+	0.0-0.9 mg/dL
Iron	Sex	Age	Reference Range	Sex	Age	Reference Range
	F	18+	37-145 ug/dL	F	0+	37-145 ug/dL
	F	12-17	59-158 ug/dL			
	F	0-11	37-145 ug/dL			
Lactate Dehydrogenase	Sex	Age	Reference Range	Sex	Age	Reference Range

	M	18+	134-225 U/L		M	18+	135-225 U/L
LDH, CSF	Sex	Age	Reference Range		Sex	Age	Reference Range
	ALL	0+	12-62 U/L		ALL	0+	<i>Not Defined</i>
LDL Cholesterol, Calculated	Sex	Age	Reference Range		Sex	Age	Reference Range
	ALL	18+	60-129 mg/dL		ALL	0+	<100 mg/dL
	ALL	2-17	0-109 mg/dL				
	ALL	0-1	<i>Not Defined</i>				
LDL Cholesterol, Direct	Sex	Age	Reference Range		Sex	Age	Reference Range
	ALL	0+	60-129 mg/dL		ALL	0+	<100 mg/dL
Luteinizing Hormone	Sex	Age	Reference Range		Sex	Age	Reference Range
	M	60+	1.7-15.0 m[IU]/mL		M	15+	1.7-8.6 m[IU]/mL
	M	15-59	1.7-8.6 m[IU]/mL				
Magnesium for OB	Sex	Age	Reference Range		Sex	Age	Reference Range
	ALL	0+	5.0-9.0 mg/dL		ALL	0+	5.0-8.9 mg/dL
Microalbumin Excretion Rate	Sex	Age	Reference Range		Sex	Age	Reference Range
	ALL	0+	0.0-29.9 mg/(24.h)		ALL	0+	<i>Not Defined</i>
Microalbumin, Urine, Random	Units: mg/L				Units: mg/dL		
	Sex	Age	Reference Range		Sex	Age	Reference Range
	ALL	0+	0.0-27.9 mg/L		ALL	0+	<i>Not Defined</i>
Phosphorus, Urine, 24 Hour	Sex	Age	Reference Range		Sex	Age	Reference Range
	ALL	0+	400-1300 mg/(24.h)		ALL	0+	400-1360 mg/(24.h)
Pro B-Type Natriuretic Peptide	Sex	Age	Reference Range		Sex	Age	Reference Range
	F	75+	0-199 pg/mL		ALL	0+	<300 pg/mL
	F	65-74	0-149 pg/mL				
	F	0-64	0-124 pg/mL				
	M	0+	0-124 pg/mL				
Procalcitonin	Sex	Age	Reference Range		Sex	Age	Reference Range
	ALL	0+	<0.08 ng/mL		ALL	18+	<2.00 ng/mL
Progesterone	Unit Decimal Places: 1				Unit Decimal Places: 2		
	Sex	Age	Reference Range		Sex	Age	Reference Range
	F	0+	<i>Not Defined</i>		F	0+	<i>Not Defined*</i>
	M	0+	0.3-1.2 ng/mL				<i>*Interpretive note appending to female results</i>
					M	0+	0.30-1.20 ng/mL

Prolactin	Sex	Age	Reference Range	Sex	Age	Reference Range
	F	12+	3.0-23.3 ng/mL	F	19+	4.8-23.3 ng/mL
	M	12+	4.0-15.2 ng/mL	M	19+	4.0-15.2 ng/mL
	ALL	4-11	1.5-16.0 ng/mL	ALL	0-18	<i>Not Defined*</i>
	ALL	1-3	1.5-20.0 ng/mL	<i>*Interpretive note appending to all results</i>		
	ALL	1M-11M	0.3-30.0 ng/mL			
	ALL	8D-30D	0.0-100.0 ng/mL			
	ALL	0-7D	0.0-500.0 ng/mL			
Protein, Urine, 24 Hour	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	0+	0-149 mg/(24.h)	ALL	0+	0-150 mg/(24.h)
PSA	Sex	Age	Reference Range	Sex	Age	Reference Range
	M	0+	0.0-3.99 ng/mL	M	80+	0.00-7.20 ng/mL
				M	70-79	0.00-6.50 ng/mL
				M	60-69	0.00-4.50 ng/mL
				M	50-59	0.00-3.50 ng/mL
				M	41-49	0.00-2.50 ng/mL
				M	0-40	0.00-2.00 ng/mL
T3, Free	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	20+	2.5-4.3 pg/mL	ALL	0+	2.0-4.4 pg/mL
	ALL	12-19	2.3-5.0 pg/mL			
	ALL	7-11	2.7-5.2 pg/mL			
	ALL	2-6	2.0-6.0 pg/mL			
	ALL	31D-1	1.5-6.4 pg/mL			
	ALL	5D-30D	2.0-5.2 pg/mL			
	ALL	0-4D	<i>Not Defined</i>			
T4, Free	Unit Decimal Places: 2			Unit Decimal Places: 1		
	Sex	Age	Reference Range	Sex	Age	Reference Range
	ALL	18+	0.90-1.70 ng/dL	ALL	18+	0.9-1.7 ng/dL
Testosterone	Sex	Age	Reference Range	Sex	Age	Reference Range
	M	13-17	28-1110 ng/dL	ALL	0-17	<i>Not Defined*</i>
	M	7-12	3-68 ng/dL	<i>*Interpretive note appending to all results</i>		
	M	1-6	3-32 ng/dL			
	M	0-11M	12-21 ng/dL			

Triglycerides	Sex	Age	Reference Range		Sex	Age	Reference Range
	ALL	18+	0-149 mg/dL		ALL	0+	<150 mg/dL
	ALL	10-17	0-89 mg/dL				
	ALL	0-9	0-74 mg/dL				
TSH	Units: m[IU]/L Unit Decimal Places: 2				Units: u[IU]/mL Unit Decimal Places: 3		
	Sex	Age	Reference Range		Sex	Age	Reference Range
	ALL	8D+	0.47-5.00 m[IU]/L		ALL	18+	0.270-4.200 u[IU]/mL
Vancomycin Midpoint	Sex	Age	Reference Range		Sex	Age	Reference Range
	ALL	0+	15.0-20.0 ug/mL		ALL	0+	<i>Not Defined</i>
Vitamin B12	Sex	Age	Reference Range		Sex	Age	Reference Range
	ALL	0+	211.0-946.0 pg/mL		ALL	18+	232.0-1245.0 pg/mL

Please refer to the online Meriter Test Menu for up-to-date reference ranges and specimen requirements.

[Meriter Laboratories Test Directory | Home](#)

(Please note new testing details will not be visible in the test catalog until go-live on May 13, 2025.)

If you have any questions, please call the UnityPoint Health - Meriter Laboratories
Client Services Department at 608-417-6529 or 1-800-236-0465.