

LABORATORY SERVICES

Important Test Updates – 02/23/2022

Osmolality Serum/Plasma Testing Updates

On February 22, 2022, we will be updating the normal reference range for Osmolality Serum/Plasma (OSMO) and Osmolality Urine (OSMU). This update is based on a current literature review and study of our current patient population.

Osmolality, Serum/Plasma (OSMO)				
Previous		New		
Age	Normal Range	Age	Normal Range	Unit
All	270 – 310	0 – 16 yrs	271 – 296	mosmol/kg
		>16 yrs	280 – 303	

Osmolality, Urine (OSMU)				
Previous		New		
Age	Normal Range	Age	Normal Range	Unit
0 – <1 yr	50 – 645	0 – 30 days	50 – 645	mosmol/kg
		1 m – 16 yrs	50 – 1500	
> 1 yr	50 – 1500	>16 yrs	50 – 800	

For more information about osmolality testing, please contact Nationwide Children's Laboratory Services at (614) 722-5477.

