

Specimen Stability Change for Therapeutic Drug Monitoring Tests

Effective December 5, 2022. UVMHC's Chemistry Laboratory will update the refrigerated sample stability **from 7 days to 2 days** for the following tests: Carbamazepine, Phenobarbital, Phenytoin, and Theophylline.

Orderable Name	Epic Code	Atlas Code	Mayo Test ID	Order LOINC
Carbamazepine	LAB21	CARBAM	FAH5780	3432-2
Phenobarbital	LAB30	PHNOB2	FAH5783	3948-7
Phenytoin	LAB176	PHENY2	FAH5782	3968-5
Theophylline	LAB35	THEOP	FAH5784	4049-3

This is due to a necessary change of manufacturer for gel-separation blood tubes due to supply chain challenges. UVMHC performed an in-house sample stability study on the new gel-separation blood tubes and determined that 2 days (48 hours) was optimal.

If you have any questions or concerns, please reach out to the medical director of clinical chemistry, Dr. Clayton Wilburn, at (clayton.wilburn@uvmhealth.org).

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