
Lab Dept: Chemistry

Test Name: DILANTIN, FREE

General Information

Lab Order Codes: FDIL

Synonyms: Dilantin®; DPH; PHT ;Dilantin, Unbound; Phenytoin, Free

CPT Codes: 80186 – Phenytoin; free

Test Includes: Free Dilantin reported in ug/mL.

Logistics

Test Indications: Useful for therapeutic drug monitoring (TDM).

Lab Testing Sections: Chemistry - Sendouts

Referred to: MedTox Laboratories (MedTox Test: 98)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 1 day

Special Instructions: Trough levels are most reproducible.

Specimen

Specimen Type: Blood

Container: Red top NO GEL tube
Alternate: Green top NO GEL tube

Draw Volume: 9 mL (Minimum: 1.8 mL) blood

Processed Volume: 3 mL (Minimum: 0.6 mL) serum/plasma

Note: Submission of the minimum volume results in an elevated reporting limit and inability to repeat analysis.

Collection: Routine venipuncture

Special Processing:	Lab Staff: Centrifuge specimen, remove serum/plasma aliquot into a screw-capped round bottom plastic vial. Store and ship at refrigerated temperatures. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Mislabeled or unlabeled specimens

Interpretive

Reference Range:	1.00 – 2.00 ug/mL
Critical Values:	>4.00 ug/mL
Limitations:	0.5 ug/mL reporting limit
Methodology:	Ultrafiltration. Immunoassay (IA)
References:	MedTox Laboratories August 2015
Updates:	11/4/2016: Tube update