

Hydrocodone and Metabolites, Serum

Test ID: HYDCS

Useful for:

Monitoring therapeutic efficacy/compliance in serum specimens of patients who are prescribed hydrocodone.

Method:

Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)

Reference Values:

Therapeutic range/Metabolite information (as applicable):

Hydrocodone: 10-100 ng/mL

Norhydrocodone: Metabolite of hydrocodone

Hydromorphone: 1.0-30 ng/mL when used as sole therapy; Metabolite of hydrocodone and minor metabolite of morphine

Dihydrocodeine: 72-150 ng/mL when used as sole therapy, Minor metabolite of hydrocodone

Cutoff concentrations:

Hydrocodone: 1.0 ng/mL

Norhydrocodone: 1.0 ng/mL

Hydromorphone: 1.0 ng/mL

Dihydrocodeine: 1.0 ng/mL

Specimen Requirements:

Supplies: Sarstedt Aliquot Tube, 5 mL (T914)

Collection Container/Tube: Red top (Serum gel/SST are **not acceptable**)

Submission Container/Tube: Plastic vial

Specimen Volume: 1 mL serum

Specimen Minimum Volume: 0.5 mL serum

Collection Instructions: Centrifuge and aliquot serum into a plastic vial.

Specimen Stability Information:

Specimen Type	Temperature	Time
Serum Red	Refrigerated (preferred)	14 days
	Ambient	24 hours
	Frozen	28 days

Cautions:

Any aberrant result should be discussed with the patient and could be confirmed by re-testing or using an alternative matrix (eg, urine).

CPT Code:

G0480

80361 (if appropriate for select payers)

[Clinical Toxicology CPT Code Client Guidance](#)

Day(s) Performed: Wednesday

Report Available: 2 to 9 days

Note:

The following referral test code will become obsolete.

Test Name	Test ID	Referral Lab Code	Referral Lab
Hydrocodone and metabolites	FHMTB	45004	Medtox

Questions

Contact Brandon DeBoom, Laboratory Resource Coordinator at 800-533-1710.