

## Hydrocodone and metabolites

**Test ID:** FHMTB

**Explanation:**

Effective January 2, 2026, Test ID FHMTB, referred to Medtox, will be obsolete and replaced with Mayo test HYDCS.

**Recommended Alternative Test:**

## Hydrocodone and Metabolites, Serum

**Test ID:** HYDCS

**Methodology:**

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

**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

**CPT Code:**

G0480

80361 (if appropriate for select payers)

[Clinical Toxicology CPT Code Client Guidance](#)

**Day(s) Setup:** Wednesday

**Report Available:** 2 to 9 days

**Questions**

Contact MCS Referrals Supervisors Amy Bluhm or Heather Hilgart at 800-533-1710.