

Reporting Title: cfDNA EGFR T790M Test, Blood
Performing Location: Rochester

Ordering Guidance:
This test is **not** a prenatal screening test.

This test detects only the T790M mutation in the *EGFR* gene. It does **not** detect other *EGFR* gene mutations in exons 18 through 21.

This test provides rapid detection of the *EGFR* T790M mutation in peripheral blood from non-small cell lung cancer patients as an alternative for *EGFR* analysis of tissue. For tissue testing, order EGFRS / EGFR Gene, Targeted Mutation Analysis, 51 Mutation Panel, Tumor.

- Shipping Instructions:**
- 1. Samples should be transported at ambient temperature or refrigerated (4 degrees C)
 - 2. Samples are viable for 7 days in the Streck Black/Tan Top Tube Kit (T715)

- Specimen Requirements:**
- Supplies:** Streck Black/Tan Top Tube Kit (T715)
- Specimen Volume:** Two, 10-mL Streck cell-free DNA (cfDNA) blood collection tubes
- Additional Information:**
- 1. Only blood collected in Streck cfDNA tubes will be accepted for analysis.
 - 2. Whole blood will be processed to produce platelet-poor plasma before cfDNA isolation.

Forms:
If not ordering electronically, complete, print, and send an [Oncology Test Request](#) (T729) with the specimen.

Specimen Type	Temperature	Time	Special Container
Whole blood	Ambient (preferred)	7 days	Streck Black/Tan top
	Refrigerated	7 days	Streck Black/Tan top

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
113411	Result Summary	Alphanumeric		50397-9
113412	Result	Alphanumeric		55769-4
113413	Interpretation	Alphanumeric		69047-9
113414	Additional Information	Alphanumeric		48767-8
113415	Specimen	Alphanumeric		31208-2
113416	Source	Alphanumeric		31208-2
113417	Released By	Alphanumeric		18771-6

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

81235

Reference Values:

An interpretive report will be provided.