
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.

Specimen Minimum Volume:

One 10 mL Streck tube

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.