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

This test is **not** a prenatal screening test. To evaluate for the presence of common fetal chromosome abnormalities using cell-free DNA, see NIPS / Cell-Free DNA Prenatal Screen.

This test detects only the T790M mutation in the *EGFR* gene. It does **not** detect other *EGFR* gene mutations in exons 18 through 21. For that purpose, order EGFRD / Cell-Free DNA *EGFR* Exon 18, 19, 20, 21, Mutation Analysis, Blood.

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 EGFR / [EGFR](#) Gene, Mutation Analysis, 29 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 (T-715)**Specimen Volume:** Two 10-mL Streck Cell-Free DNA blood collection tubes**Additional Information:**

1. Only blood collected in Streck Cell-Free DNA BCT tubes will be accepted for analysis. Whole blood will be processed to produce platelet poor plasma before cfDNA isolation.
2. Samples should be transported at room temperature or refrigerated (4 degrees C)
3. Samples are viable for 7 days in the Streck Cell-Free DNA BCT 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

Supplemental Report:

No

CPT Code Information:

81235