

## Epi proColon

Order Name: **Epi proColon**  
 Test Number: 6904831  
 Revision Date: 12/12/2022

TEST NAME	METHODOLOGY	LOINC CODE
Epi proColon	<u>Polymerase Chain Reaction</u>	65810-4

### SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	Two 3.5 mL	Plasma	EDTA (Lavender Top)	Frozen

**Instructions**

**Notes:** One plastic transport tube (containing at least 3.5 mL) of frozen Plasma. Note: This volume Does NOT allow for repeat testing.  
**Specimen Type:** 4-mL BD(R) purple-top (K2 EDTA) tube. Collect six tubes of whole blood in accordance with the collection procedure specified below.  
**Specimen Storage:** FREEZE. The plasma sample could be stored frozen, at -15 (degrees)C to -25(degrees)C for up to 14 days.  
**Specimen Collection:** Please label each final plasma collection tube with the word "Plasma". Testing will be delayed if the tube is not labeled properly. Blood Collection Blood should be collected according to your laboratory's procedure for venipuncture using ONLY a BD K2EDTA (purple top) 4 mL blood collection tube. Plasma preparation should be performed within four hours after blood is collected. Store, transport and ship plasma at frozen condition only. The plasma sample can be stored frozen at -15(degrees)C to -25(degrees)C for up to 14 days. NOTE: DO NOT FREEZE WHOLE BLOOD SAMPLES. Plasma Specimen Preparation Immediately following specimen collection, label all tubes with appropriate patient information (two patient identifiers, minimum). The brake setting of the Drucker 642e at LabCorp service center is at 3 or 4 (manufacturer setting). Centrifuge the six, BD K2EDTA (purple top) blood collection tubes for 10 minutes at 1600 plus or minus 90 rcf. [For conversion of RPM (revolutions per minute) to rcf (relative centrifugal force), refer to the centrifuge manufacturer's user manual.] Remove blood collection tubes from the centrifuge (Plasma sample will be rejected if it is hemolyzed. Patient will be contacted). Using a fresh six inch disposable transfer pipette, transfer plasma from three, 4 mL blood collection tubes to one 8.5 mL Sarstedt centrifuge tube (55.598.006). Repeat this process with the second set of three 4 mL blood tubes. Two 8.5 mL tubes will be collected from six, 4 mL blood collection tubes. Centrifuge plasma in the 8.5 mL centrifuge tube for 10 minutes at 1600 plus or minus 90 rcf. Using a fresh, six inch disposable transfer pipette or serological pipette, transfer 3.5 mL of plasma from one 8.5 mL centrifuge tube into a labeled 7.0 mL Sarstedt screw cap, flat bottom purple frozen transport tube (62.550.019). Repeat this process with the second 8.5 mL centrifuge tube. Two, 7.0 mL tubes will be collected. Ship and store plasma at -15(degrees)C to -25(degrees)C. Stable for up to 14 days. Note: Take care not to disturb or transfer the buffy coat (white blood cells) layered above the red blood cells in the blood collection tube after the first centrifugation or sedimented at the bottom of the centrifuge tube after the second centrifugation.  
**Specimen Stability:** Ambient: Not Available, Refrigerated : Not Available, Frozen: Not Available

### GENERAL INFORMATION

<b>Expected TAT</b>	5 - 7 days
<b>Clinical Use</b>	The Epi proColon test is indicated to screen adults of either sex, 50 years or older, defined as average risk for CRC, who have been offered and have a history of not completing CRC screening. Tests that are available and recommended in the USPSTF 2008 CRC screening guidelines should be offered and declined prior to offering the Epi proColon test. Patients with a positive Epi proColon test result should be referred for diagnostic colonoscopy. The Epi proColon test results should be used in combination with physician's assessment and individual risk factors in guiding patient management.
<b>Notes</b>	DNA is isolated from plasma specimen and treated with bisulfite. Real-time PCR is performed on ABI 7500 Fast Dx to detect methylated form of Septin 9 DNA. ?Labcorp Test Code: 481160
<b>CPT Code(s)</b>	81327

Service Provided By  labcorp  
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