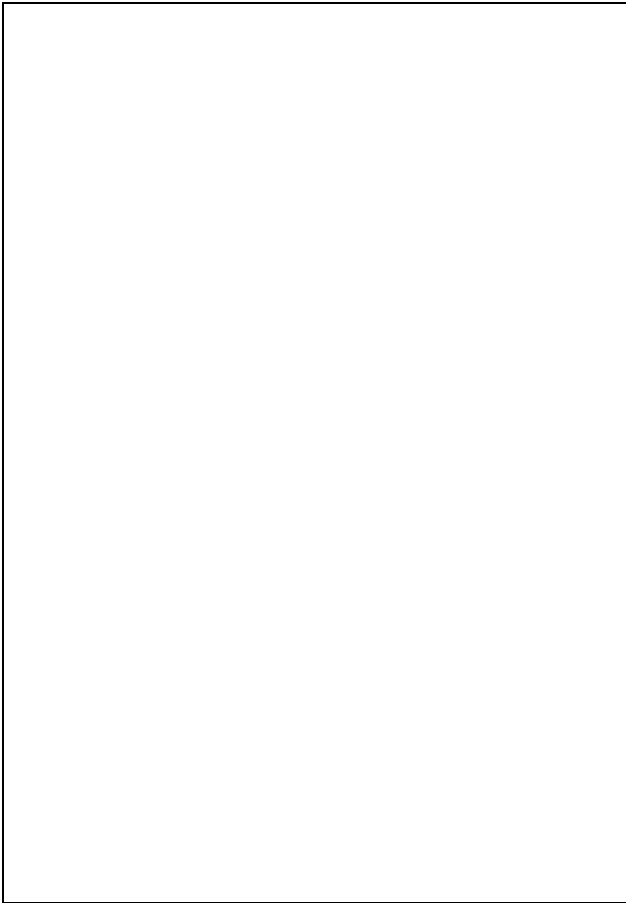


Multiple Endocrine Neoplasia Type 2 Syndrome, *RET*, Full Gene Analysis, *Varies*

Test ID: RETZZ

Explanation: On the effective date, this assay will incorporate changes to the specimen requirements. Whole blood stability guidance will be provided, and *any anticoagulant* will no longer be accepted. Anticoagulants will be limited to those listed below. Saliva will also be added as an acceptable specimen type.

Current Specimen Required	New Specimen Required
<p>Patient Preparation: A previous bone marrow transplant from an allogenic donor will interfere with testing. Call 800-533-1710 for instructions for testing patients who have received a bone marrow transplant.</p>	<p>Patient Preparation: A previous bone marrow transplant from an allogenic donor will interfere with testing. Call 800-533-1710 for instructions for testing patients who have received a bone marrow transplant.</p>
<p>Specimen Type: Whole blood</p>	<p>Specimen Type: Whole blood</p>
<p>Preferred: Lavender top (EDTA) or yellow top (ACD)</p>	<p>Preferred: Lavender top (EDTA) or yellow top (ACD)</p>
<p>Acceptable: Any anticoagulant</p>	<p>Acceptable: Sodium heparin</p>
<p>Specimen Volume: 3 mL</p>	<p>Specimen Volume: 3 mL</p>
<p>Collection Instructions:</p> <ol style="list-style-type: none">1. Invert several times to mix blood.2. Send whole blood specimen in original tube. Do not aliquot.	<p>Collection Instructions:</p> <ol style="list-style-type: none">1. Invert several times to mix blood.2. Send whole blood specimen in original tube. Do not aliquot.
<p>Specimen Stability Information: Ambient (preferred) 4 days/Refrigerated</p>	<p>Specimen Stability Information: Ambient/Refrigerated/Frozen, 96 hours (preferred); extraction will be attempted for samples received after 96 hours and DNA yield will be evaluated to determine if testing may proceed</p> <p>Additional Information: To ensure minimum volume and concentration of DNA is met, the preferred volume of blood must be submitted.</p>



Testing may be canceled if DNA requirements are inadequate.

Specimen Type: Saliva

Patient Preparation: Patient should not eat, drink, smoke, or chew gum 30 minutes prior to collection.

Supplies: Saliva Collection Kit (T786) – ORAcollect OCD-100 Swab

Specimen Volume: 1 Swab

Collection Instructions: Collect and send specimen per kit instructions.

Specimen Stability Information: Ambient (preferred), Refrigerated acceptable; 30 days

Additional information: Due to lower quantity/quality of DNA yielded from saliva, some aspects of the test may not perform as well as DNA extracted from a whole blood sample. When applicable, specific gene regions that were unable to be interrogated will be noted in the report. Alternatively, additional specimen may be required to complete testing.

Questions

Contact Michelle Rath, Laboratory Resource Coordinator at 800-533-1710.