MAYO
Mayo Medical Laboratories
1-800-533-1710

NEW TEST ANNOUNCEMENT
NOTIFICATION DATE: May 15, 2013
EFFECTIVE DATE: June 18, 2013

CALCIUM SENSING RECEPTOR (CASR) GENE, KNOWN MUTATION
Test ID: CSRKP

USEFUL FOR:
- Confirming or ruling out a suspected diagnosis of familial hypocalciuric hypercalcemia in family members of affected individuals with known mutations
- Confirming or ruling out a suspected diagnosis of neonatal severe primary hyperparathyroidism in family members of affected individuals with known mutations
- Confirming or ruling out a suspected diagnosis of autosomal dominant hypoparathyroidism in family members of affected individuals with known mutations

METHODOLOGY: Polymerase Chain Reaction (PCR) Amplification/DNA Sequencing

REFERENCE VALUES: An interpretive report will be provided

SPECIMEN REQUIREMENTS:
Specimen must arrive within 96 hours of draw.
Container/Tube: Lavender top (EDTA)
Specimen Volume: 3 mL
Minimum Volume: 0.2mL
Collection Instructions:
1. Invert several times to mix blood.
2. Send specimen in original tube.

Forms:
1. Calcium Sensing Receptor (*CASR*) Gene Testing Patient Information Sheet (Supply T551) in Special Instructions
2. New York Clients-Informed consent is required. Please document on the request form or electronic order that a copy is on file. An Informed Consent for Genetic Testing (Supply T576) is available in Special Instructions.

SPECIMEN STABILITY INFORMATION:

SPECIMEN TYPE	TEMPERATURE
Whole Blood EDTA	Refrigerated (preferred)
	Ambient
	Frozen

CAUTIONS: Transfusions will interfere with testing for up to 4 to 6 weeks. DNA obtained from white cells may not provide useful information for patients who received a recent transfusion of blood that was not leukocyte-reduced. Wait 4 to 6 weeks until transfused cells have left the patient's circulation before drawing the patient's blood specimen for genotype testing.

CPT CODE: 81479

DAY(S) SET UP: Monday **ANALYTIC TIME**: 5 days

QUESTIONS: Contact your Mayo Medical Laboratories' Regional Manager or
David O'Brien, MML Laboratory Technologist Resource Coordinator
Telephone: 800-533-1710