

ESOTERIX UPDATE

A NEWSLETTER FOR CLIENTS

VOLUME VIII, N° 3-4 | MARCH-APRIL 2017

New Procedures

COMT Genetic Test804576

Methodology Polymerase chain reaction (PCR) and multiplex mini-sequencing

Turnaround Time 14 - 21 days

CPT 81479

Assay Schedule As needed

Performing Location Endocrine Sciences

Specimen Whole blood or LabCorp buccal swab kit (buccal swab collection kit)

Volume Preferred: 3 mL

Minimum Volume (Pediatric Volume) 1 mL

Container Lavender-top (EDTA) tube, yellow-top (ACD) tube, or LabCorp buccal swab from kit

Collection Whole blood in EDTA (lavender-top) and ACD (yellow-top) tubes or properly collected and shipped buccal preps

Causes For Rejection Unacceptable specimen types; buccal swabs in non-approved collection kit; frozen whole blood specimens

Storage Instructions Room temperature

Limitations This test analyzes selected regions of the COMT gene and does not rule out having a COMT gene mutation in a region not analyzed. Rare variants may interfere with the assay. Donor DNA from transplants and recent transfusions can lead to inaccurate results. Some of the variants produce their effect when they occur on the same gene copy; the arrangement of the variants on the two gene copies is inferred based on our validation studies.

Additional Information This test is currently unavailable for NY patients.

Updates to the Esoterix Test Menu

Test Name	Test N°	Change (Only fields that change are included here.)														
Dilute Russell's Viper Venom Test (dRVVT)	300057	Change (Effective April 19, 2017) The reference range for screen will change to ≤ 47.0 sec.														
Renin, Plasma (Plasma Renin Activity)	500278	Change (Effective April 25, 2017) Methodology Liquid Chromatography/Mass Spectrometry (LC/MS-MS) Reference Range <table border="1"> <thead> <tr> <th>Age</th> <th>Reference Range (ng/mL/hr)</th> </tr> </thead> <tbody> <tr> <td>0 - 11 months</td> <td>2.000 - 37.000</td> </tr> <tr> <td>1 - 3 years</td> <td>1.700 - 11.200</td> </tr> <tr> <td>4 - 5 years</td> <td>1.000 - 6.500</td> </tr> <tr> <td>6 - 10 years</td> <td>0.500 - 5.900</td> </tr> <tr> <td>11 - 15 years</td> <td>0.500 - 3.300</td> </tr> <tr> <td>>15 years</td> <td>0.167 - 5.380</td> </tr> </tbody> </table>	Age	Reference Range (ng/mL/hr)	0 - 11 months	2.000 - 37.000	1 - 3 years	1.700 - 11.200	4 - 5 years	1.000 - 6.500	6 - 10 years	0.500 - 5.900	11 - 15 years	0.500 - 3.300	>15 years	0.167 - 5.380
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C-Telopeptide, Serum	500130	Change (Effective May 2, 2017) Methodology Immunochemiluminometric assay (ICMA) Reference Range <table border="1"> <thead> <tr> <th>Gender</th> <th>Reference Range (pg/mL)</th> </tr> </thead> <tbody> <tr> <td>Males</td> <td>38 - 724</td> </tr> <tr> <td>Females</td> <td></td> </tr> <tr> <td> Premenopausal Women</td> <td>34 - 635</td> </tr> <tr> <td> Postmenopausal Women</td> <td>34 - 1037</td> </tr> </tbody> </table>	Gender	Reference Range (pg/mL)	Males	38 - 724	Females		Premenopausal Women	34 - 635	Postmenopausal Women	34 - 1037				
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For up-to-date test information, please consult the Esoterix Test Menu at www.esoterix.com. For additional information, call Esoterix client services at 800-444-9111.



The CPT codes included in this publication are in accordance with *Current Procedural Terminology*, a publication of the American Medical Association. CPT codes are provided here for the convenience of our clients; however, correct coding often varies from one carrier to another, and specific carriers may be billed using codes other than those shown. Clients who bill for services should verify the codes with the applicable payer to confirm that their use is appropriate in each case.