MICHIGAN MEDICINE
UNIVERSITY OF MICHIGAN
LABORATORIES

Test Update 848

Posted Date 07/05/2023
Effective Date 07/03/2023
Test Name Matrix Metalloproteinase-7 (MMP-7)
Update Type Miscellaneous

PERFORMING LABORATORY CHANGE

Matrix Metalloproteinase-7 (MMP-7)

Order Code: CMMP7

Fee Code: AB050 (CPT 83519)

New Fee Code: pending (CPT 83520)

Reference Laboratory: Cincinnati Children's 11738598

New Reference Lab: Children's Medical Center of Dallas

Cincinnati Children's has discontinued the Matrix Metalloproteinase-7 (MMP-7) assay effective June 30, 2023. Requests for this test will be sent to Children's Medical Center, Dallas, TX. There will be no change to the order code.

Collection Instructions: Collect specimen in an SST or red top tube. Place on ice immediately after collection. Centrifuge, aliquot serum into a plastic vial and freeze within 2 hours of collection.

Reference Range: 3.6 – 10.5 ng/mL

MMP-7 level ≥ 18.2 ng/mL has 95% sensitivity and 65% specificity for diagnosis of biliary atresia, with negative predictive value of 97%.

Caution should be exercised in the interpretation of any assay for MMP-7, and the results should be considered in conjunction with the patient's clinical condition. High MMP-7 have been detected in premature babies and young infants with cardiovascular and/ or multi-system disease. The final diagnosis of biliary atresia requires intraoperative cholangiography and the histological presence of obstruction of the extrahepatic bile duct. The normal values of MMP-7 in premature babies have not yet been established. Clinical correlation is particularly important in premature babies.

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