MAYO CLINIC LABORATORIES

Test Definition: BAPS

Bile Acid Profile, Serum

Reporting Title: Bile Acid Profile, S
Performing Location: Rochester

Ordering Guidance:

This test is intended for use by research scientists. **Approval must be obtained before ordering.**

Specimen Requirements:

Patient Preparation: Patient must be fasting for 12 to 14 hours.
Collection Container/Tube:
Preferred: Serum gel
Acceptable: Red top
Submission Container/Tube: Plastic vial
Specimen Volume: 0.5 mL
Collection Instructions: Centrifuge and aliquot serum into a plastic vial.

Forms:

Specimen Type	Temperature	Time	Special Container
Serum	Refrigerated (preferred)	90 days	
	Ambient	90 days	
	Frozen	90 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
35802	Chenodeoxycholic acid	Numeric	nmol/mL	30519-3
35801	Cholic acid	Numeric	nmol/mL	30518-5
35803	Deoxycholic acid	Numeric	nmol/mL	30520-1
35819	Dihydroxycholestanoic acid	Numeric	nmol/mL	53479-2
35808	Glycochenodeoxycholic acid	Numeric	nmol/mL	93335-8
35807	Glycocholic acid	Numeric	nmol/mL	93334-1
35809	Glycodeoxycholic acid	Numeric	nmol/mL	93333-3
35811	Glycohyodeoxycholic acid	Numeric	nmol/mL	93332-5
35812	Glycolithocholic acid	Numeric	nmol/mL	93331-7
35810	Glycoursodeoxycholic acid	Numeric	nmol/mL	93330-9
35805	Hyodeoxycholic acid	Numeric	nmol/mL	93329-1
35806	Lithocholic acid	Numeric	nmol/mL	74897-0
35814	Taurochenodeoxycholic acid	Numeric	nmol/mL	93328-3
35813	Taurocholic acid	Numeric	nmol/mL	93327-5
35815	Taurodeoxycholic acid	Numeric	nmol/mL	93326-7
35817	Taurohyodeoxycholic acid	Numeric	nmol/mL	93325-9
35818	Taurolithocholic acid	Numeric	nmol/mL	93324-2
35816	Tauroursodeoxycholic acid	Numeric	nmol/mL	93323-4

35820	Trihydroxycholestanoic acid	Numeric	nmol/mL	38188-9
35804	Ursodeoxycholic acid	Numeric	nmol/mL	55159-8
35821	Total bile acids	Numeric	nmol/mL	14628-2

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

82542

Reference Values:

Chenodeoxycholic acid: < or =2.26 nmol/mL
Cholic acid: < or =2.74 nmol/mL
Deoxycholic acid: < or =2.84 nmol/mL
Dihydroxycholestanoic acid: < or =0.07 nmol/mL
Glycochenodeoxycholic acid: < or =5.14 nmol/mL
Glycocholic acid: < or =2.17 nmol/mL
Glycodeoxycholic acid: < or =3.88 nmol/mL
Glycohyodeoxycholic acid: < or =0.01 nmol/mL
Glycolithocholic acid: < or =0.11 nmol/mL
Glycoursodeoxycholic acid: < or =1.00 nmol/mL
Hyodeoxycholic acid: < or =0.12 nmol/mL
Lithocholic acid: < or =0.09 nmol/mL
Taurochenodeoxycholic acid: < or =0.80 nmol/mL
Taurocholic acid: < or =0.31 nmol/mL
Taurodeoxycholic acid: < or =0.78 nmol/mL
Taurohyodeoxycholic acid: < or =0.02 nmol/mL
Taurolithocholic acid: < or =0.04 nmol/mL
Tauroursodeoxycholic acid: < or =0.05 nmol/mL
Trihydroxycholestanoic acid: < or =1.73 nmol/mL
Ursodeoxycholic acid: < or =0.64 nmol/mL
Total bile acids: < or =19.00 nmol/mL