Lab Dept:	**Serology**
Test Name:	**HEPATITIS DELTA ANTIBODY (ANTI-HDV)**

General Information

Lab Order Codes:	DELT
Synonyms:	Anti-Delta; HDV; Anti-HDV
CPT Codes:	86692 – Antibody; hepatitis, delta agent
Test Includes:	Anti-HDV Total Aby reported as positive or negative

Logistics

Test Indications:	Diagnose HDV infection in patient with documented acute or chronic HBV and at risk for HDV infection. Consider ordering HBV IgM core antibody testing to determine whether HDV infection is a coinfection or a superinfection with HBV.
Lab Testing Sections:	Serology - Sendouts
Referred to:	Mayo Medical Laboratories (Test: FHEDA). Forward to ARUP (Test: 0020799)
Phone Numbers:	MIN Lab: 612-813-6280 STP Lab: 651-220-6550
Test Availability:	Daily, 24 hours
Turnaround Time:	2 - 8 days, test performed Tuesday and Friday
Special Instructions:	N/A

Specimen

Specimen Type:	Blood
Container:	SST (Gold or Marble) tube
Draw Volume:	3 mL blood
Processed Volume:	1 mL (Minimum: 1.0 mL) serum
Collection:	Routine venipuncture

Special Processing:	Lab Staff: Centrifuge specimen, remove serum aliquot into a screw-capped round bottom plastic vial. Store and ship at frozen temperatures. Forward promptly.
Patient Preparation:	None
Sample Rejection:	Specimens other than serum; gross hemolysis; lipemia; mislabeled or unlabeled specimens

Interpretive

Reference Range:	Negative (reported as positive, negative) Hepatitis D virus (HDV) infection occurs in association with HBV infection. A positive result for HDV total antibody may indicate either acute or chronic HDV infection. HDV antibodies appear transiently during acute infection, and typically disappear with resolution of the infection. In contrast, HDV antibodies usually persist in chronic infection. Measurement of HDV IgM may help distinguish acute from chronic infection.
Critical Values:	N/A
Limitations:	This assay does not detect HDV antigen, which is present usually in the liver and is transient or not detectable in serum. Performance characteristics of this assay have not been established for serum specimens having the following characteristics: lipemia, hemolysis, specimens containing particulate matter.
Methodology:	Qualitative Enzyme Immunossay
References:	Mayo Medical Laboratories Web Page January 2017 ARUP January 2017
Updates:	4/6/2004: Test moved from Memorial Blood Center of Minneapolis to Mayo Medical Laboratories. 9/30/2010: Mayo discontinued internal testing and began forwarding to Focus Diagnostics, 5785 Corporate Ave, Cypress, CA 90630. Storage temp change from frozen to ambient. 1/16/2017: Update to SST.