

Client: Example Client ABC123
123 Test Drive
Salt Lake City, UT 84108
UNITED STATES

Physician: Doctor, Example

Patient: Patient, Example

DOB: 01/01/1990

Gender: Male

Patient Identifiers: 01234567890ABCD, 012345

Visit Number (FIN): 01234567890ABCD

Collection Date: 01/01/2017 12:34

Heparin-Induced Thrombocytopenia (HIT) PF4 Antibody, IgG with Reflex to Serotonin Release Assay (Heparin Dependent Platelet Antibody), Unfractionated Heparin

ARUP test code 2012181

Hep-Ind Thrombocytopenia PF4 Ab, IgG 0.015 OD (Ref Interval: <=0.399)

Heparin-Induced Thrombocytopenia Antibodies were not detected. Serotonin Release Assay will not be performed.

Interpretive Data: Hep-Ind Thrombocytopenia PF4 Ab, IgG

This ELISA assay detects the presence of IgG antibodies to heparin-platelet factor 4 (PF4) complexes. Most cases of heparin-induced thrombocytopenia (HIT) are caused by IgG antibodies to heparin-PF4, rather than IgA or IgM antibodies. Negative results have a good negative predictive value for HIT, although rare false-negative results may occur. Positive ELISA results are sensitive but not completely specific for HIT. HIT is a clinicopathologic diagnosis. Clinical findings and the results of other laboratory tests must be taken into consideration. Higher optical density (OD) values in the IgG ELISA test correlate with a higher likelihood of positivity in platelet activation assays, such as the serotonin release assay (SRA), and an increased likelihood of clinical HIT.

A clinical scoring system to assess pretest probability of HIT along with other guidance for diagnosis is available in ARUP Consult: <http://www.arupconsult.com/Topics/HIT.html>.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Hep-Ind Thrombocytopenia PF4 Ab, IgG	15-278-116441	10/5/2015 5:46:00 PM	10/5/2015 5:49:15 PM	10/5/2015 6:21:37 PM

END OF CHART

H - high L - low * - abnormal C - critical