

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

Physician: Doctor, Example

Patient: Patient, Example

DOB: 10/11/1957
Gender: Female
Patient Identifiers: 01234567890ABCD, 012345
Visit Number (FIN): 01234567890ABCD
Collection Date: 00/00/0000 00:00

Heparin-Induced Thrombocytopenia (HIT) PF4 Antibody, IgG

ARUP test code 2012179

Hep-Ind Thrombocytopenia PF4 Ab, IgG

2.772 OD H (Ref Interval: <=0.399)

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/content/heparin-induced-thrombocytopenia>.

VERIFIED/REPORTED DATES

Procedure	Accession	Collected	Received	Verified/Reported
Hep-Ind Thrombocytopenia PF4 Ab, IgG	23-364-101773	00/00/0000 00:00	00/00/0000 00:00	00/00/0000 00:00

END OF CHART

H=High, L=Low, *=Abnormal, C=Critical

Unless otherwise indicated, testing performed at: