

HEPARIN INDUCED THROMBOCYTOPENIA

Orderable - HIT

Turnaround Time: Within 24 hours of authorization
STAT: 4 hours

Alternate Name(s):

HIT

Specimen:

6 mL Red top Vacutainer tube

Collection Information:

LHSC patient samples require authorization by a Hematologist.

Whole blood should be collected in a red top Vacutainer tube that contains no anticoagulant.

Samples should be spun at 3000 rpm for 10 minutes. The serum should be removed immediately and placed into 4 aliquots.

If testing is not performed immediately then freeze at -70 C.

Referred in samples: please send frozen on dry ice and retain 2 aliquots at referring site in case of further testing required for Serotonin Release Assay.

Reference Range:

Negative

Critical Value:

Positive

Special Processing:

SRA Processing



Laboratory:
Hemostasis and
Thrombosis Laboratory



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
ELISA



Test Schedule:
Referred out Monday-
Thursdays as required



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UH/SJH All shifts:

Process the samples as per the procedure above. Place samples/aliquot labels with transfer list in the SPEC COAG Bin in the -20C freezer. All samples to be sent to VH SRA the following morning. Upon arrival VH SRA will place the samples in the -20 bin. The HAT staff will pick up the samples.

VH 0700-1500 shift:

Place the samples/aliquot labels in the pneumatic tube and send to the 10th floor HAT Lab at VH. (No transfer list is required). Call HAT Lab at ext. 52526 to let them know a sample is coming.

VH after 1500:

Process the samples as per the procedure above. Place samples/aliquot labels in the SPEC COAG Bin in the -20C freezer. All samples will be picked up the following morning by the HAT staff.

VH Referred-In samples:

When a sample is received from an outside healthcare institution, please order SPCOAGRI, put a small accession label on the requisition, then place the frozen samples and labels in the SPEC COAG Bin in the -20 freezer. Please send the requisition with the accession number on it, to the 10th floor. These samples will be held until the next morning and picked up by the HAT Lab staff. If the HAT Lab staff require a sample earlier than the next morning, they will come down and get it. Call the HAT Lab at ext. 52526 to let them know the requisition is arriving.

Storage and Shipment:

Red top specimens are kept at 18-24 degrees Celsius and should be centrifuged and tested within 4 hours of specimen collection.

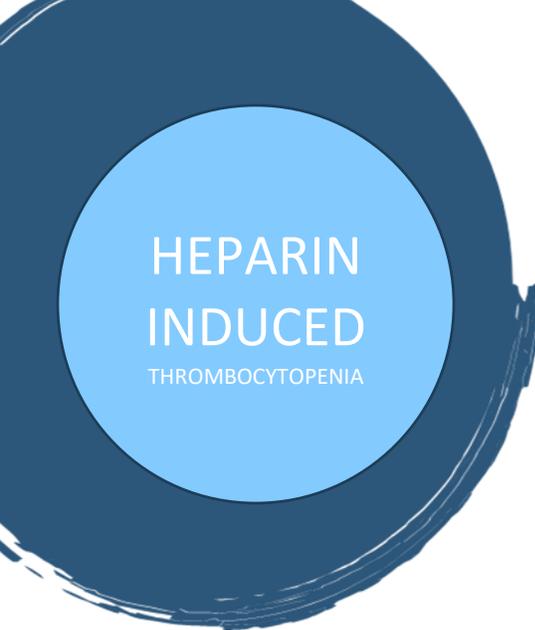
If specimens cannot be processed immediately, or the specimen cannot be shipped to arrive at LHSC within 4 hours, then the specimen should be centrifuged and serum should be removed from the cells and frozen.

Specimens may be kept for up to two years at -20 degrees Celsius or below.

Transport of serum aliquots must be done so that they arrive frozen at Victoria Hospital. Samples that are not frozen upon arrival at Victoria Hospital will not be processed and the ordering physician contacted.

Once received by the Sample Receiving Department at Victoria Hospital, samples are to be stored at -70 degrees Celsius within 15 minutes.

Referred to:



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Samples with an equivocal result will be referred to:

Platelet Immunology Laboratory
McMaster University Medical Centre-Hamilton Health Services
1200 Main St. W.
Hamilton, ON, L8N 3Z5