

FETAL
MATERNAL
HEMORRHAGE
SCREEN

Orderable - FMHS

Turnaround Time: Results available to Blood Transfusion Lab within 72 hours of post-partum

STAT: Results available within 2 hours of receipt of specimen in the lab

Alternate Name(s):

Kleihauer

Specimen:

Peripheral blood collected in a 4 mL K2 or K3 EDTA Lavender top Vacutainer tube from the post-partum mother

or

In cases of fetal trauma: Peripheral blood collected in a 4 mL K2 or K3 EDTA Lavender top Vacutainer tube from the ante-partum mother.

Collection Information:

Contact the Blood Transfusion Laboratory at 519-685-8500 x 58292 for further information.

Reference Ranges:

See report

Interpretive Comments:

Samples are routinely drawn on all Rh negative mothers post-delivery, however the test is only performed if the baby is Rh positive. The test is used to quantitate the volume of cells that contain fetal hemoglobin in a blood specimen. This is usually done to determine the volume of fetal-maternal hemorrhage during pregnancy or at the time of delivery. The test may also be done to detect fetal trauma antepartum. Consult the Blood Transfusion Laboratory for assistance with any Interpretation if clarification is necessary.



Laboratory:
Flow Cytometry Lab



Requisition:
[BLOOD TRANSFUSION
LABORATORY
REQUISITION](#)



Method of Analysis:
Detection of HbF positive fetal cells in maternal peripheral blood using a fluorescent tagged antibody to HbF.



Test Schedule:
Monday-Friday
0800-1500

STAT Kleihauer Tests that arrive after hours are done in the Blood Transfusion Laboratory, VH.



FETAL
MATERNAL
HEMMORHAGE
SCREEN

Special Processing:

Specimens are sent to the Blood Transfusion Laboratory at Victoria Hospital.

Comments:

Sample is forwarded to Flow Cytometry within 1 hour after determination of test requirement, to ensure results are available to the Blood Transfusion Laboratory before 72 hours post-partum.

Critical Information Required:

Indicate antenatal or post-partum sample.

Storage and Shipment:

Specimens are to be shipped/transported within 1 hour of determination of test requirement to the Blood Transfusion Laboratory at Victoria Hospital to ensure results are available to the Blood Transfusion Laboratory before 72 hours post-partum. Specimens are to be shipped at room temperature.

Samples must be received and processed within 72 hours of collection by the Blood Transfusion Laboratory.

Once received by the Flow Cytometry Laboratory, samples are to be stored at 4°C.