ClearPoint DIAGNOSTIC LABORATORIES

At the ConVergence Center | 2501 South State Highway 121 Business | Suite 1200
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LAB ALERT – NEW TEST

NOTIFICATION DATE: 12/18/2013
EFFECTIVE DATE: 12/19/2013

ABO GROUP AND RH TYPE

NEW TEST CODE: ABO

NEW INTERFACE CODE: 1004494

OLD TEST CODES TO BE DEACTIVATED: ABORHP

OLD INTERFACE CODE TO BE DEACTIVATED: 1003219

METHODOLOGY: Manual Tube Method

CLINICAL UTILITY: Hemolytic disease of the fetus and newborn (HDFN) is a condition in which transplacental passage of maternal antibodies results in immune hemolysis of fetal/neonatal red cells. The implicated antibodies could be naturally occurring (anti A, anti B) or immune antibodies which develop following a sensitizing event like transfusion or pregnancy. The hemolytic process may result in anemia or hyperbilirubinemia or both; thereby affecting fetal/neonatal morbidity and mortality.

Before the discovery of RhoGAM, HDFN due to anti D was a significant cause of perinatal mortality. Administration of RhoGAM to Rh (D) negative women during pregnancy and shortly after the birth of D positive infants has reduced the incidence of Rh D hemolytic disease. ABO incompatibility is now the single largest cause of HDFN in the western world. Timely detection and close follow up of this condition is necessary to reduce harmful effects on the newborn.

PERFORMED: Monday - Friday; must be received by 12:00PM for same day testing

COLLECTION: Lavender top tube (EDTA) and plain red top tube

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SPECIMEN PREPARATION:	Transport both tubes uncentrifuged (lavender: 7 mL; Min. 3 mL).
STABILITY (FROM COLLECTION TO INITIATION OF TESTING):	Ambient: 72 hours; Refrigerated: 1 week; Frozen: Unacceptable
TRANSPORT:	Refrigerated
REFERENCE RANGE:	ABO Typing: A, B, AB, O Rh Typing: Rh positive/Rh negative
RESULTS REPORTED:	1-4 days
CPT CODE(S):	86900, 86901
PERFORMING LAB:	ClearPoint Diagnostic Laboratories
ORDER/CONTACT INFORMATION:	Thomas P. Lohmann, Chief Medical Officer, 972-966-7135, or ClearPoint Client Services: 972-966-7700/Fax: 972-966-7799

Thomas P. Lohmann, MD
Chief Medical Officer