ClearPoint DIAGNOSTIC LABORATORIES

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LAB ALERT – NEW TEST

NOTIFICATION DATE: 2/5/2014
EFFECTIVE DATE: 2/13/2014

NEWBORN ANEUPLOIDY PANEL BY FISH

NEW TEST CODE: MDFCPCNAP

NEW INTERFACE CODE: 1004609

OLD TEST CODE: ANEUFI

OLD INTERFACE CODE: 1003782

METHODOLOGY: Fluorescence In Situ Hybridization (FISH)

CLINICAL UTILITY: Aneuploidy of chromosomes 13, 18, 21, X and Y are most common numerical chromosomal abnormalities detected in newborns. This is a fluorescence in situ hybridization (FISH) based assay and uses a multicolor probe panel (CEP 18, X, Y-alpha satellite, LSI 13 and 21) to detect aneuploidy for chromosomes (13, 18, 21, X and Y) in metaphase and interphase nuclei from peripheral blood of newborns suspected of having numerical chromosomal abnormalities. The assay results are intended to be used in conjunction with other laboratory and clinical findings to make a clinical diagnosis. This FISH assay will not detect the presence of structural chromosome abnormalities that can also result in congenital defects.

PERFORMED: 18:00 Mon-Friday; 12:00 Sat-Sun

COLLECTION: Peripheral Blood in a green top sodium heparin tube (1-2 mL; minimum 1 mL).

SPECIMEN PREPARATION:	Do not centrifuge.
STABILITY (FROM COLLECTION TO INITIATION OF TESTING):	Ambient: 48 hours; Refrigerated: 48 hours; Frozen: Unacceptable.
TRANSPORT:	Ambient temperature within 24 hours. Do not freeze.
REFERENCE RANGE:	An interpretive report will be provided.
RESULTS REPORTED:	Within 24 hours of set-up.
CPT CODE(S):	88271 X5; 88275 X5; 88291
PERFORMING LAB:	med fusion
ORDER / CONTACT INFORMATION:	ClearPoint Client Services: 972-966-7700 | Fax: 972-966-7799 Thomas P. Lohmann, MD: 972-966-7135

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Chief Medical Officer