University of Nebraska Medical Center
REGIONAL PATHOLOGY SERVICES

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FISH PROBES (Constitutional)

Prenatal - Pregnancy Loss | Postnatal

All probes in the FISH test catalog below are available for assessment of chromosomal abnormalities based on family history or suspicious/abnormal cytogenetic findings. Please contact our laboratory for case-specific probe availability.

* designates custom probe

1p36 Deletion
* 16p11.2 Microdeletion (associated with ASD)
* Charcot-Marie-Tooth / HNPP [17p12]
* CHARGE [8q12.2]

Cri-du-Chat [5p15.2]
DiGeorge / 22q11.2 Deletion
Kallmann [Xp22.3]
Sotos (NSD1) [5q35]
* Langer Giedion [8q24]
* MECP2 Duplication [Xq28]

Miller Dieker [17p13.3]
* Pallister-Killian [12p]

Prader-Willi / Angelman [15q11.2]
Retinoblastoma (RB1) [13q14]
* Rubinstein-Taybi [16q13.3]

SHOX [Xp22.3/Yp11.3]
Smith-Magenis [17p11.2]
Steroid Sulfatase (STS) [Xp22.3]
SRY [Yp11.3]
* Waardenburg Type I (PAX3) [2q35]
* Waardenburg Type III [2q36-37]

Williams [7q11.23]
Wolf-Hirschhorn [4p16.3]
XIST, X inactivation site [Xq13]
Centromere enumeration
Subtelomere analysis for each chromosome
Whole chromosome Paint Probes