

CONGENITAL FISH ANEUPLOID STUDIES:

FISH test collection requirements are specimen dependent and the same as chromosome study requirements. See chromosome study requirements for details.

BILLING CODE	TEST NAME	TEST DESCRIPTION	CPT CODING	CODING DESCRIPTION
13O	Aneuploidy probe study (13, 21 only)	Prenatal or congenital blood specimen study to determine aneuploidy of chromosomes 13 or 21.	88271x2 88275	FISH probe Interphase analysis 100-300 cells
PERP	Aneuploidy probe study (X, Y, 13, 18, 21)	Prenatal or congenital blood specimen study to determine aneuploidy of chromosomes X, Y, 13, 18 or 21	88271x5 88274x2	FISH probe Interphase analysis 25-99 cells
XYO	Aneuploidy probe study (X, Y, 18 only)	Prenatal or congenital blood specimen study to determine aneuploidy of chromosomes X, Y, and 18.	88271x3 88275	FISH probe Interphase analysis 100-300 cells

Congenital Aneuploidy FISH: Results can usually be obtained within 24 hours for interphase studies only. It is recommended that these results be used in conjunction with a chromosome study whenever possible.

The AML Cytogenetics lab utilizes FDA approved protocols when available and uses standardized protocols established in the AML Cytogenetics lab when FDA protocols are not available. Controls are incorporated for all probes used and may include: internal control probes, positive / negative interphase control slides run in parallel, and normal metaphase control slides run in parallel. Normal ranges for interphase analysis have been established when appropriate.