

CONGENITAL FISH MISCELLANEOUS STUDIES:

Collection requirements are specimen dependent and same as chromosome study requirements. See chromosome study requirements for details.

BILLING CODE	TEST NAME	TEST DESCRIPTION	CPT CODING	CODING DESCRIPTION
INTG	Probe interphase congenital study	Rare or research congenital interphase probe studies	88271x2 88274	FISH probe Metaphase analysis 25-99 cells
METG	Probe metaphase congenital study	Rare or research congenital metaphase probe studies	88271x2 88273	FISH probe Metaphase analysis 10-30 cells
MFI	MFISH study	Multi-color whole chromosome paint metaphase study	88271x5 88273	FISH probe Metaphase analysis 10-30 cells

Congenital Miscellaneous FISH: Additional congenital FISH may be performed using a variety of commercially available or home brew probes not listed in this document. If a probe fits this category of testing an INTG charge will be applied if the study involves interphase analysis. A METG charge will be applied if the study involves metaphase analysis. If a chromosome study determines a difficult structural abnormality, a multi-color whole chromosome paint metaphase study may be performed (with referring physician approval) and an MFI charge applied.

CONGENITAL SENDOUT TESTING:

The requesting institution is responsible for attaining current sendout testing requirements.

BILLING CODE / NAME	SPECIMEN TYPE	REQUIREMENTS	CPT CODING	CODING DESCRIPTION
ACB / Amniotic Acetylcholinesterase (ACHE)	Amniotic Fluid	Amniotic fluid 3 cc supernatant	N/A	N/A
BAA / Amniotic Alpha-fetoprotein (AFP)	Amniotic Fluid	Amniotic fluid 3 cc supernatant	N/A	N/A
FXM / Fragile X	Peripheral Blood	15 cc Draw in sterile EDTA or ACD whole blood tube. Send at room temperature.	N/A	N/A
MSO / Miscellaneous Sendout	Test dependent	Test dependent	N/A	N/A
SO-AC / Sendout Testing – Amniotic Fluid/ Chorionic Villi	Amnio/ CVS	Attach send out lab requirements	88235 88240	Culture - amniotic fluid Cryopreserve culture
SO-PS / Sendout Testing – Products of Conception / Skin	POC/ Skin/ Autopsy	Attach send out lab requirements	88233 88240	Culture - solid tissue, skin Cryopreserve culture



Send out cultures for molecular or biochemical testing:

Sendout testing samples will be processed as either a “Send” or “Hold Only” culture as marked on the AML cytogenetics test requisition. If the sendout test is to be performed on amniotic supernatant, the lab will pour off the amount required on the test requisition. If the sendout test is to be performed on cultured cells, a SO-AC or SO-PS test will be applied. Sendout cultures will be set up. The client will be notified via a report when a culture has been sent to the sendout lab. For all sendout cultures, an aliquot will be cryopreserved as a backup. There is no guarantee the backup culture will be viable for future testing. For specimens marked as “Hold Only”, the cytogenetics lab will generate a report to the requesting institution that the cultures are ready. The requesting institution will have 3 working days to alert the cytogenetics lab that sendout testing is needed or to toss the cultures. If no response has been received after three working days post report, the cultures will be cryopreserved and stored for 6 months, then tossed without notice.

Alpha-fetoprotein (AFP) and Acetylcholinesterase (ACHE) Testing:

These tests are performed at another reference lab. The cytogenetics lab prepares samples and delivers the specimens to the Allina sendouts department.

Peripheral Blood Fragile X Analysis:

The Allina cytogenetics lab recommends a Fragile X molecular study be performed in conjunction with a chromosome analysis. The chromosome analysis will be performed by the Allina cytogenetics lab. The cytogenetics lab will deliver the Fragile X specimen to the Allina sendouts department.