

Specimen Types and Sample Requirements

Prenatal Analysis

Test	Specimen Type	Specimen Requirement	Avg.TAT
CombiSNP™ Array Prenatal Direct	Amniotic fluid Chorionic villi	15-20 mL amniotic fluid or 5-10 mg cleaned chorionic villi	7-8 days
CombiSNP™ Array for Prenatal Analysis	Cultured amniocytes Cultured villi	One confluent T-25 flask	7-8 days
Karyotype Analysis	Amniotic fluid Chorionic villi	15 mL amniotic fluid or 25-30 mL with reflex to microarray or 5-10 mg cleaned chorionic villi	10-12 days
Amniotic Fluid AFP/AChE	Amniotic fluid	2 mL amniotic fluid	3 days
CombiFISH™	Amniotic fluid Chorionic villi	5 mL amniotic fluid or 5 mg cleaned chorionic villi	24-48 hrs
Family Studies	Peripheral blood	Contact our Genetic Counseling Services Team: 800-710-0624	7-8 days
Maternal Cell Contamination (MCC) Studies	Maternal peripheral blood	4 mL blood in an EDTA (purple top) tube	17 days

Pregnancy Loss Analysis

Test	Specimen Type	Specimen Requirement	Avg.TAT
CombiSNP™ Array for Pregnancy Loss	Fresh tissue in POC transport medium	15-20 mg fetal or placental tissue placed in transport medium in a 50 mL specimen jar	10-12 days
CombiSNP™ Array for Pregnancy Loss	Formalin-fixed paraffin-embedded (FFPE) tissue block or unstained slides	1 FFPE block with >1 cm ³ of fetal tissue or c10 unstained slides with 7 micron-thick sections plus one H&E stained slide	10-12 days
Maternal Cell Contamination (MCC) Studies	Peripheral blood	4 mL blood in an EDTA (purple top) tube	17 days
Parental Karyotype Analysis	Peripheral blood	4 mL blood in a NaHep (green top) tube	14 days

Preimplantation Genetic Testing

Test	Specimen Type	Specimen Requirement	Avg.TAT
CombiPGS™	Cells from embryo biopsy	5-10 trophectoderm cells from a Day 5/6 biopsy & freeze embryo	3-4 days
Parental Karyotype Analysis	Peripheral blood	4 mL blood in a NaHep (green top) tube	14 days

Pediatric Analysis

Test	Specimen Type	Specimen Requirement	Avg.TAT
CombiSNP™ Array for Pediatric Analysis	Peripheral blood Buccal swab	4 mL blood in an EDTA (purple top) tube and 4 mL NaHep (green top) tube (NICU/PICU patients, minimum 1-2 mL per tube) Use ORAcollection OC-100 kit (follow enclosed directions)	10-12 days
Fragile X Analysis	Peripheral blood Buccal swab	4 mL blood in an EDTA (purple top) tube Use ORAcollection OC-100 kit (follow enclosed directions)	10 days
Karyotype Analysis	Peripheral blood	4 mL blood in a NaHep (green top) tube	12 days