

Accepted sample types for each technique:

We develop all our genetic tests with the most advanced techniques, optimizing each point of the diagnostic process, including the pre-analysis and the amount of clinical material needed. We are aware of the value of each clinical sample and pay maximum attention to its quality and processing.

Test	RefLab Card	EDTA blood	Heparin blood	Amniotic fluid	cfDNA	Buccal swab	Saliva	Ready to use DNA	ctDNA	FFPE	Bone Marrow	Tissue sample
WGS	✓	✓	✗	✓	✗	✓	✓	✓	✗	✓	✗	✓
WES	✓	✓	✗	✓	✗	✓	✓	✓	✗	✓	✗	✓
NGS panel	✓	✓	✗	✓	✗	✓	✓	✓	✗	✓	✗	✓
NGS panel with CNV from NGS data	✓	✓	✗	✓	✗	✓	✓	✓	✗	✗	✗	✓
NGS-based CNV analysis	✓	✓	✗	✓	✗	✓	✓	✓	✗	✗	✗	✓
CES	✓	✓	✗	✓	✗	✓	✓	✓	✗	✓	✗	✓
CES with CNV from NGS data	✓	✓	✗	✓	✗	✓	✓	✓	✗	✗	✗	✓
aCGH	✓	✓	✗	✓	✗	✓	✓	✓	✗	✗	✗	✓
Single gene or targeted analysis (sanger or NGS)	✓	✓	✗	✓	✗	✓	✓	✓	✗	✓	✓	✓
MLPA/qPCR	✓	✓	✗	✓	✗	✓	✓	✓	✗	✗	✗	✓
VeriRef	✗	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗
Cytogenetics	✗	✗	✓	✓	✗	✗	✗	✗	✗	✗	✓	✓
FISH	✗	✓	✓	✓	✗	✗	✗	✗	✗	✓	✓	✓
Tumor profiling	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✗	✓
Southern Blot	✗	✓	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗

Sample preparation and transport details:



REFLABCARD®

≥ 1 RefLabCard® (5 complete spots)

Filter card samples can be sent via regular mail at room temperature



EDTA BLOOD

≥ 5 mL
≥ 20 mL for Southern blot

Liquid blood samples can be sent via regular mail at room temperature, being stable for up to 4 days during transport



HEPARIN BLOOD

≥ 5 mL
≥ 20 mL for Southern blot

Liquid blood samples can be sent via regular mail at room temperature, being stable for up to 4 days during transport



READY TO USE DNA

High quality DNA at
≥ 30ng/uL in ≥ 100uL

Purified DNA samples can be sent via regular mail at room temperature



BUCCAL SWAB

1 FLOQSwabs hDNAFree

Buccal swab samples can be sent via regular mail at room temperature



SALIVA

1 Oragene OG-510 or
OG-500 saliva collection set

Saliva samples can be sent via regular mail at room temperature



cfDNA (cell-free DNA)

10 mL of blood shipped in
cfDNA BCT STRECK tubes

Samples must be shipped immediately after sampling at room temperature and at no stage should they be frozen



ctDNA (circulating-tumor DNA)

10 mL of blood shipped in
cfDNA BCT STRECK tubes

Samples must be shipped immediately after sampling at room temperature and at no stage should they be frozen



CORD BLOOD

≥ 1 mL
≥ 2 mL for karyotype

Specimens need to be shipped immediately at RT with transport medium



AMNIOTIC FLUID

≥ 10 mL into a sterile conical tube
≥ 20 mL for Southern blot or karyotype

Amniotic fluid samples should be shipped overnight at room temperature. Please, ensure samples do not freeze (temperatures should not fall below +4°C)



CVS (CHORIONIC VILLI)

A minimum of 10 cleaned villi

Specimens need to be shipped at RT with transport medium. Please, ensure samples do not freeze (temperatures should not fall below +4°C)



BONE MARROW ASPIRATE (NH4-HEPARIN)

≥ 2 mL

Specimens need to be shipped immediately at RT with transport medium



SOLID BIOPSY/ TISSUE SAMPLE

Volume ≥0,5 cm2 or ≥50 mg

Specimens need to be shipped at room temperature with transport medium. Please, ensure samples do not freeze (temperatures should not fall below +4°C)



FFPE (FORMALINE-FIXED PARAFIN EMBEDDED TISSUE)

1 Block
≥ 10 sections of 10um thickness and control slide with clearly marked area of enriched tumor Notes: Pathology report must accompany the sample

FFPE samples can be sent via regular mail at room temperature