


1. PATHOLOGICAL ANATOMY AND SOMATIC MOLECULAR DIAGNOSTICS SPECIALIST LABORATORY SPECIMEN PROCESSING TABLE
1.1. PRE-ANALYTICAL TABLE

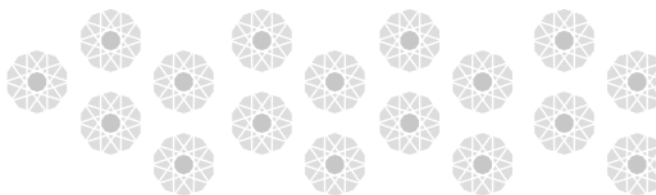
Type of examination	Material sent	Maximum storage time from collection to delivery to lab	Storage temperature from collection to delivery to lab	Primary containers	Secondary containers	Tertiary containers	Number of samples
Histological analyses	Tissue sample in formalin 10%	5 days	6-37 °C	Airtight plastic container (jar/tube)	VacuretteTransport Container (VTC) / biohazard bag	Cardboard box and cooler UN 3373 cat B	According to request
Non-gynaecological liquid-based (thin layer) cytology examination	Urine/ Exhaled/bronch oaspirated/agoa spirated	7 days	15-30 °C	Cans with Thinprep® Cytolytyt	VacuretteTransport Container (VTC) / biohazard bag	Cardboard box and cooler UN 3373 cat B	According to request
Needle aspiration/traditional cytology examination	Biological samples from different tissues/organs	Not envisaged	Not envisaged	Slide already fixed in slide container	VacuretteTransport Container (VTC) / biohazard bag	Cardboard box and cooler UN 3373 cat B	According to request
Needle aspiration/traditional cytology examination + material for molecular analysis	Biological samples from different tissues/organs	7 days	Not applicable (only for molecular analysis: 15-25°C)	Slide already fixed in slide holder + tubes with RNAProtect Tissue	VacuretteTransport Container (VTC) / biohazard bag	Cardboard box and cooler UN 3373 cat B	According to request
Pap smear test	Cervical/endom etrial cells	Not envisaged	Not envisaged	Slide already fixed in slide container	VacuretteTransport Container (VTC) / biohazard bag	Cardboard box and cooler UN 3373 cat B	1

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Type of examination	Material sent	Maximum storage time from collection to delivery to lab	Storage temperature from collection to delivery to lab	Primary containers	Secondary containers	Tertiary containers	Number of samples
Liquid-based (thin layer) Pap test	Cervical cells	15 days	15-30 °C	Cans with Thinprep [®] PAPTEST	VacuretteTransport Container (VTC)	Cardboard box and cooler UN 3373 cat B	1
Liquid-based HPV testing	Cervical, anal urothelial, oral mucosa cells	15 days	15-30 °C	Cans with Thinprep [®] PAPTEST	VacuretteTransport Container (VTC)	Cardboard box and cooler UN 3373 cat B	1
Swab-based HPV test	Cervical, anal urothelial, oral mucosa cells	7 days	2-8°C	Swab dedicated to molecular biology analysis	VacuretteTransport Container (VTC) / biohazard bag	Cardboard box and cooler UN 3373 cat B	1
FISH on cervical cells	Cervical cells	15 days	15-30 °C	Cans with Thinprep [®] PAPTEST	VacuretteTransport Container (VTC)	Cardboard box and cooler UN 3373 cat B	1
FISH on urothelial cells	Urines	7 days	15-30 °C	Cans with Thinprep [®] Cytolyt	VacuretteTransport Container (VTC)	Cardboard box and cooler UN 3373 cat B	3
STUDIUM GENETICS SG-OCRA	Oral mucosa cells	30 days	5-25°C	SG Oral Collection kit Available for purchase at: https://shop.studiumgenetics.com/	biohazard bag	Envelope with air pellets and courier envelope	According to request

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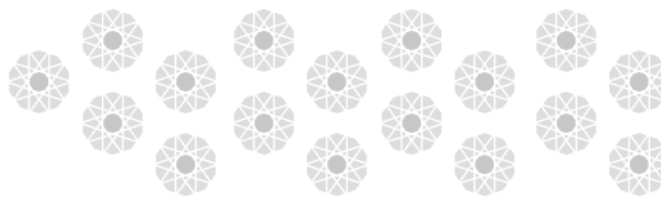


Type of examination	Material sent	Maximum storage time from collection to delivery to lab	Storage temperature from collection to delivery to lab	Primary containers	Secondary containers	Tertiary containers	Number of samples
Search for somatic variants (target PCR, NGS) on liquid biopsy	Whole blood	7 days	6 – 25 °C	Test tube Vacuum STRECK®	VacuretteTransport Container (VTC)	Cardboard box and cooler UN 3373 cat B	1/2
Search for somatic variants (target PCR, NGS) on DNA already extracted from archive material	DNA*	Not envisaged	< 4°C	Molecular biology test tubes	BioHazard envelope	Container for transporting biological samples on ice	1
Search for somatic variants (target PCR, NGS) on already extracted cf-DNA from liquid biopsy	Cf-DNA*	Not envisaged	< - 80°C	Molecular biology test tubes	BioHazard envelope	Container for transporting biological samples on dry ice	1

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* Except for the following analyses:

- thyroid carcinoma mutation/fusion panels from needle aspiration materials.
- ISO15189-accredited panels (600 genes and HRD) for cases where reporting is required. Exceptions are cases where only the service of setting up the analysis and producing the sequencing data is required.


1.2. TABLE OF ARCHIVE SAMPLES OUTSIDE THE SPECIALIST LABORATORY OF PATHOLOGICAL ANATOMY AND SOMATIC MOLECULAR DIAGNOSTICS

Type of examination		Material sent	Maximum storage time from collection to delivery to lab	Storage temperature from collection to delivery to lab	Primary containers	Secondary containers	Tertiary containers	Number of samples
Consulting on archive material		Archival material (paraffinised fabric - FFPE)**	Not envisaged	Not envisaged	In accordance with the procedures of custodial pathology			Coloured slides set up for diagnosis + 2 µm blank sections on positively charged slide or block.
In-depth analysis of archive material	IIC-FISH	Archival material (paraffinised fabric - FFPE)**	Not envisaged	Not envisaged	In accordance with the procedures of custodial pathology			Block or 1 EE slide + 1 blank 2 µm section on positively charged slide for each marker to be analysed
	DNA Panels (including HPV testing)	Archival material (paraffinised fabric - FFPE)**	Not envisaged	Not envisaged	In accordance with the procedures of custodial pathology			Block or 1 EE slide + 5 blank 5 µm sections on slides
	RNA Panels	Archival material (paraffinised fabric - FFPE)**	Not envisaged	Not envisaged	In accordance with the procedures of custodial pathology			Block or 1 EE slide + 5 blank 10 µm sections on slides

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** In the case of macro-inclusions (e.g. prostate): do not send the blocks, but only send the material on prepared slides according to the mode and quantity indicated in the 'number of samples' column.