



GENERAL CLINICAL LABORATORY SAMPLE PROCESSING TABLE WITH SPECIALISED AREAS IN CLINICAL PATHOLOGY AND MICROBIOLOGY AND VIROLOGY

Pre-analytical table

Biological sample collection-preservation-transport

Type of examination	Material	Maximum storage time from collection to delivery to the laboratory	Storage temperature from collection to delivery to the laboratory	Primary containers	Secondary containers	Tertiary enclosures with data logger
<i>HAEMATOLOGY</i>	Whole blood	3-4 hours	15-24 °C	Test tube with anticoagulant EDTA	Container for transporting test tubes	Cooler bag UN 3373 cat. B
<i>COAGUATION</i>	Whole blood	3-4 hours	15-24°C, evitare sbalzi termici	Test tube with anticoagulant Na citrate 3.2% (0.109 M)	Container for transporting test tubes	Cooler bag UN 3373 cat. B
<i>CLINICAL BIOCHEMISTRY</i>	Whole blood, serum, urine, 24-hour urine	3-4 hours	15-24 °C	Test tube with: - separating gel and coagulation activator, - sodium fluoride and potassium oxalate, - heparin Urine container and/or tubes	Container for transporting test tubes	Cooler bag UN 3373 cat. B
<i>HORMONES, MARKERS TUMOUR, AUTOIMMUNITY</i>	Whole blood, serum, plasma	3-4 hours	15-24 °C	Test tube with: - separator gel and coagulation activator, - separator gel and heparin	Container for transporting test tubes	Cooler bag UN 3373 cat. B

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Toma Advanced Biomedical Assays S.p.A.

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Type of examination	Material	Maximum storage time from collection to delivery to the laboratory	Storage temperature from collection to delivery to the laboratory	Primary containers	Secondary containers	Tertiary enclosures with data logger
<i>SEROIMMUNOLOGY</i>	Whole blood, serum	3-4 hours	15-24 °C	Test tube with separating gel and coagulation activator	Container for transporting test tubes	Cooler bag UN 3373 cat. B
<i>URINE - CHEMICAL AND SEDIMENT</i>	Urine	3-4 hours	15-24 °C Refrigerate if analysis time is longer than 3-4 hours after sample collection	Test tubes and/or jars	Container for transporting biological samples	Cooler bag UN 3373 cat. B
<i>MICROBIOLOGY</i>	Swabs, slides	24 hours	15-24 °C	Swab, slide container	Container for transporting biological samples	Cooler bag UN 3373 cat. B
<i>MICROBIOLOGY - OTHER</i>	Urine, seminal fluid, sputum	2 hours	15-24 °C +2-8 °C for delivery times of more than 2 hours	Urine test tube with stabiliser and/or jars Urine test tube without additive and/or jars	Container for transporting biological samples	Cooler bag UN 3373 cat. B
<i>MICROBIOLOGY - MYCOPLASMA</i>	Land transport	5 hours	15-24 °C for 5 hours, +2-8 °C if within 48 hours	Bottle with transport medium	Container for transporting biological samples	Cooler bag UN 3373 cat. B
<i>GUT MICROBIOTA</i>	Faeces, rectal swab	5 days 7 days	+15-24 °C +2-8 °C	Bottle with eNAT transport medium	Container for transporting biological samples	Cooler bag UN 3373 cat. B



Type of examination	Material	Maximum storage time from collection to delivery to the laboratory	Storage temperature from collection to delivery to the laboratory	Primary containers	Secondary containers	Tertiary enclosures with data logger
MICROBIOLOGY/MOLECULAR VIROLOGY GENITOURINARY SYSTEM	Liquid cytology specimen	6 weeks	15-24 °C	Thinprep ® cans	Container for transporting biological samples	Cooler bag UN 3373 cat. B
MICROBIOLOGY/MOLECULAR VIROLOGY GENITOURINARY SYSTEM	Urine	1 week	+2-8 °C	Urine test tube without additive and/or jars	Container for transporting biological samples	Cooler bag UN 3373 cat. B
MICROBIOLOGY/MOLECULAR VIROLOGY GENITOURINARY SYSTEM	Genito-urinary swab	1 week	+2-8 °C	Dedicated pad	Container for transporting biological samples	Cooler bag UN 3373 cat. B
MICROBIOLOGY/MOLECULAR VIROLOGY GENITOURINARY SYSTEM	Seminal fluid	1 week	+2-8 °C	Sterile container without additive	Container for transporting biological samples	Cooler bag UN 3373 cat. B
MICROBIOLOGY/VIROLOGY PRENATAL	Amniotic fluid	4 days	Dopo il prelievo: da +10 a +20°C Trasporto: +15°C a +25°C	Sterile test tube without additive for amniotic fluid collection	Container for transporting biological samples	Cooler bag UN 3373 cat. B
MICROBIOLOGY/VIROLOGY POSTNATAL	Whole blood	4 days	Fino a 48 ore dal prelievo: 20±5°. Oltre le 48 dal prelievo: +4 a +8 °C	Test tube with anticoagulant EDTA	Container for transporting biological samples	Cooler bag UN 3373 cat. B

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