

Different sample containers and their associated tests and sample (Type & Quantities)

Purpose(s)	Sample Type (Quantity)	Storage and transport	Time Limit to reach Lab after collection	Containers
Genetic Testing	Blood ($\geq 3\text{ml}$) Serum ($\geq 3\text{ml}$)	4°C	< 24 hours	EDTA Blood tube(Purple cap) SERUM tube (Red cap) 
	Body fluids ($\geq 3\text{ml}$), Stool (5gm) Organ Tissue (25mg) Culture ($\geq 3\text{ml}$)	4°C. If testing for RNA , add RNA preservative media in the ratio 2:1. Tissue samples for RNA testing must be completely submerged in RNA preservative media. If samples for RNA testing is not in RNA preservative media they must be frozen immediately and transported at the same condition.	<72 hours	Sterile sample containers  
Immunology	Serum ($\geq 3\text{ml}$)	4°C	< 24 hours	SERUM tube with gel separator (yellow cap) 
Lymphocytes culture, chromosome analysis	Blood (4-6mL)	4°C	<24 hours	Lithium /sodium Heparin Blood Tube (Green cap) 

Purpose(s)	Sample Type (Quantity)	Storage and transport	Time Limit to reach Lab after collection	Containers
Pathogen identification	Blood ($\geq 3\text{ml}$) Serum ($\geq 3\text{ml}$)	4°C	< 24 hours	EDTA Blood Tube(Purple cap) SERUM Tube (Red cap) 
	Body fluids ($\geq 3\text{ml}$), Sputum ($\geq 3\text{ml}$) Stool (5gm) Organ Tissue (25mg) Water (5mL - 10mL) Urine (10mL) Culture ($\geq 3\text{ml}$) Swabs* (1)	4°C. If testing for RNA viruses; Add RNA preservative media in the ratio 2:1. The tissue samples must be completely submerged in RNA preservative media. Swab samples are to be provided with swab submerged in $\geq 1\text{ml}$ of RNA preservative Media. If samples for RNA virus testing are not in RNA preservative media, they must be frozen immediately and transported at the same condition.	<72 hours	Sterile sample containers 

* Charcoal swabs, cotton swabs and swabs in Agar gel are not accepted.

Kindly refer to the service list or website for more details on assays provided and sample type recommended.