

# KaiBiLi™ Extended ViralTrans PBS

## INTENDED USE

The KaiBiLi™ Extended ViralTrans PBS is phosphate buffer saline which can maintain pH and osmotic balance, as well as provide cells with water and essential inorganic ions.

## SUMMARY

Appropriate specimen collection and transport is important to accurate laboratory diagnosis of infectious disease. Not only personnel operating skills, but also a proper specimen collection and transport system are essential attributes for reliable diagnosis result.

The KaiBiLi™ Extended ViralTrans PBS is suitable for collection, transport of clinical specimens. The system consists of a plastic, stand up tube with screw cap filled with universal transport medium, and with/without flocked swabs.

Specimens need to be placed in to the tube containing transport medium immediately after sample collection and submitted to the laboratory as soon as possible. It is recommended that 2~8°C is the most appropriate temperature for specimen transportation.

## PRINCIPLE

The formula of the KaiBiLi™ Extended ViralTrans PBS contains Na<sub>2</sub>HPO<sub>4</sub>, KH<sub>2</sub>PO<sub>4</sub>, NaCl and KCl. Na<sub>2</sub>HPO<sub>4</sub> and KH<sub>2</sub>PO<sub>4</sub> are applied to buffer pH value for a wide range. NaCl and KCl are used to balance the ionic concentration in the solution.

## MATERIALS SUPPLIED

KaiBiLi™ Extended ViralTrans PBS is supplied as one plastic flat-bottomed vial along with a screw up cap for safely contain and transport biological specimens, and filled with 1 or 3ml of phosphate buffer saline and glass beads. The KaiBiLi™ Extended ViralTrans PBS system is offered with one of the following configurations :

Cat. No.	Description
M221113	<b>KaiBiLi™ Extended ViralTrans PBS</b> <b>3 mL,</b> 3 mL phosphate buffer saline/vial

M221114	<b>KaiBiLi™ Extended ViralTrans PBS</b> <b>3 mL with minitip flocked swab,</b> 3 mL viral phosphate buffer saline /vial, with a minitip flocked swab
M221115	<b>KaiBiLi™ Extended ViralTrans PBS</b> <b>3 mL with regular flocked swab</b> 3 mL viral phosphate buffer saline/vial, with a regular flocked swab
M221116	<b>KaiBiLi™ Extended ViralTrans PBS</b> <b>3 mL with regular flockedswab and</b> <b>minitip flocked swab</b> 3 mL viral phosphate buffer saline /vial, with a regular flocked swab and a minitip flocked swab

## REAGENTS

Approximate Formula Per Liter

Na <sub>2</sub> HPO <sub>4</sub> .....	1.42 g
KH <sub>2</sub> PO <sub>4</sub> .....	0.24 g
NaCl.....	8.00 g
KCl.....	0.20 g

pH : 7.4±0.2

## WARNINGS AND PRECAUTIONS

1. For *in vitro* Diagnostic Use
2. To be used by trained and qualified professionals.
3. Observe approved biohazard precautions and aseptic techniques.
4. It is a disposable product; please use it in accordance with relevant regulations for waste disposal after use.
5. Do not sample patients after wetting swabs with transport medium.
6. After sampling, the tube cap should be tightened to prevent liquid leakage.
7. All specimens and materials used to process them should be considered potentially infectious and handled in a manner which prevents infection of laboratory personnel. Special precautions should be taken when handling specimens that may have come in contact with blood and other bodily fluids.
8. Do not use if the package is damaged.
9. Do not use the product if packaging, including bottles and vials, have been compromised and/or show evidence of microbial contamination, cloudy

appearance, discoloration, drying, cracking, or other signs of deterioration.

## STORAGE CONDITIONS

The optimum storage temperature is 2~30°C until used.

## SAMPLE COLLECTION AND PREPARATION

Specimens should be collected and handled following laboratory guidelines. Once the specimen is collected, the specimen should be refrigerated at 2~8°C and transport to the laboratory as soon as possible to sustain the optimal recovery rate. For the best viability, specimens should be refrigerated at 2~8°C or kept on wet ice following collection and while in transit. Specimens should be processed as soon as possible after being sent to the laboratory.

## PROCEDURE

### KaiBiLi™ Extended ViralTrans PBS 3 mL

1. Mark relevant sample information on the transport vial before sampling,
2. Aseptically remove cap from vial.
3. Aseptically place aspirates, conjunctival scrapings, small pieces tissue or stool samples into the vial containing medium.
4. Replace cap to vial and close tightly.
5. Transfer the specimen to the laboratory for immediate analysis.

### KaiBiLi™ Extended ViralTrans PBS--Collection Kit

1. Before sampling, mark relevant sample information on the transport vial.
2. Collect specimen with swab.
3. Aseptically remove cap from vial.
4. Insert the swab into the transport medium tube.
5. Break swab shaft by bending it against the vial wall.
6. Replace cap to vial and close tightly.
7. Transfer the specimen to the laboratory for immediate analysis.

## LIMITATIONS

1. Specimens need to be handled aseptically.
2. Accurate culture results depend on proper specimen collection skills and timing, transportation temperature and time, as well as specimen handling in the laboratory.
3. Any usage of this product in conjunction with a rapid diagnostic test or instrument should be validated by the user.

Index of Symbols

	Attention, see instructions for use		Tests per kit		Authorized Representative
	For in vitro diagnostic use only		Use by		Do not reuse
	Store between 2~25°C		Lot number		Catalog#
	Keep away from sunlight		Manufacturer/Manufactured by		CE Marking



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