

**EDX BKV 5E5 IU/mL Precision Summary**

Catalog Number	BKVH202
Analyte	Inactivated BKV
Matrix	True EDTA Plasma
Preservative	ProClin® 300
Storage	-20°C or Below
Fill Volume	1.4mL
Number of Vials Per Kit	9 Vials
Number of Uses	Single Use
Shelf Life	24 Months from Date of Manufacture
Traceability	1 <sup>st</sup> WHO International Standard
Precautions	Biological Risks
Regulatory Status	In Vitro Diagnostic Use

**INTENDED USE:**

The EDX BKV 5E5 IU/mL Precision is calibrated against the 1<sup>st</sup> WHO International Standard for BK Virus (BKV) (14/212)<sup>1</sup>. EDX BKV 5E5 IU/mL Precision is used to determine the accuracy of the assay for the presence of Polyomavirus BK Virus (BKV) DNA at the target concentration of 5E5 IU/mL. Routine use of EDX BKV 5E5 IU/mL Precision allows laboratories to evaluate their molecular assay and test for operator proficiency.

**PRODUCT DESCRIPTION:**

The EDX BKV 5E5 IU/mL Precision contains whole, intact virus that has been heat inactivated. EDX BKV 5E5 IU/mL Precision is intended to test the entire process of a molecular assay including extraction, detection, and amplification.

The EDX BKV 5E5 IU/mL Precision is reported in International Units per milliliter (IU/mL). EDX BKV 5E5 IU/mL Precision is formulated in True EDTA Plasma that is non-reactive for HBV DNA, HCV RNA, HIV-1 RNA, BKV DNA, HBsAg, and antibodies for HIV-1/2, and HCV.

**PROCEDURE:**

The EDX BKV 5E5 IU/mL Precision requires an extraction step. The product must be treated in a similar manner to other tested samples. This allows the operator to assess their extraction technique. EDX BKV 5E5 IU/mL Precision is to be tested according to the assay manufacturer's or testing laboratory's instructions and recommendations.

**STORAGE AND HANDLING:**

The EDX BKV 5E5 IU/mL Precision should be stored at -20°C or below.

Thaw EDX BKV 5E5 IU/mL Precision at room temperature and vortex briefly prior to use.

Once thawed, EDX BKV 5E5 IU/mL Precision is stable for 24 hours when stored at 2-8°C. Any remaining materials must be disposed of after one use. Do not reuse. Do not dilute.

Do not use EDX BKV 5E5 IU/mL Precision beyond the expiration date.

**LIMITATIONS:**

For In Vitro Diagnostic Use.

**WARNINGS AND PRECAUTIONS:**

The EDX BKV 5E5 IU/mL Precision contains heat inactivated virus but should be considered biohazardous. Universal precautions and proper disposal should be practiced<sup>2</sup>. Do not pipette by mouth. Do not smoke, eat, or drink in areas where specimens are handled.











Discard product if packaging is damaged or leaking. Disinfect liquids, materials or spills with a 0.5% sodium hypochlorite solution. Dispose of all materials and liquids used in the procedure as if they contain pathogenic agents.

### REFERENCES:

<sup>1</sup>The 1<sup>st</sup> WHO International Standard for BK Virus DNA (14/212).  
<https://nibsc.org/documents/ifu/14-212.pdf>

<sup>2</sup>Siegel JD, Rhinehart E, Jackson M, Chiarello L, and the  
Healthcare Infection Control Practices Advisory Committee, 2007  
Guideline for Isolation Precautions: Preventing Transmission

### SYMBOL REFERENCES:

	Catalog Number
	Lot Number
	For In Vitro Diagnostic Use
	Biological Risks
	Expiration Date
	Do not re-use
	Upper Limit of Temperature
	Manufacturer
	Caution
	Consult Instructions for Use



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