

iLite[®] AAV9 Packaging Assay Ready Cells REF: BM6009

For research use only. Not for use in diagnostic procedures.

DESCRIPTION	<i>iLite</i> [®] AAV9 Packaging Assay Ready Cells are based on the human embryonic kidney 293 (HEK293) cell line and have been genetically engineered and optimized to produce AAV vectors of serotype 9.	
CONTENT	>250 µL of Assay Ready Cells suspended in recovery medium from Gibco (Cat. No 12648-010).	
RECEIPT AND STORAGE	Upon receipt confirm that adequate dry-ice is present, and the cells are frozen. Immediately transfer to -80°C storage. Cells should be stored at -80°C or at lower temperature and are stable as supplied until the expiry date shown. Cells should be diluted and plated immediately after thawing.	
BACKGROUND	Currently, the AAV product development and approval processes have multiple challenges that require the development of new tools (1). The <i>iLite</i> [®] AAV9 Packaging Assay Ready Cells together with the <i>iLite</i> [®] AAV Responsive Reporter Assay Ready Cells represent a functional, robust, and agile platform to facilitate the determination and titration of neutralizing antibodies against AAV vectors of serotype 9.	
APPLICATION	 The <i>iLite</i>[®] AAV9 Packaging Assay Ready Cells together with the iLite[®] AAV Responsive Reporter Assay Ready Cells can be used as a transduction inhibition (TI) assay for the determination and titration of neutralizing antibodies against AAV vectors of serotype 9. Application Notes for the following assays are available: Determination of NAbs against AAV nesponsive Reporter Assay Ready Cells (LABEL-DOC-00580) Titration of NAbs against AAV in human serum using iLite[®] AAV Packaging and iLite[®] AAV Responsive Reporter Assay Ready Cells (LABEL-DOC-00580) Titration of NAbs against AAV in human serum using iLite[®] AAV Packaging and iLite[®] AAV Responsive Reporter Assay Ready Cells (LABEL-DOC-00599) 	
RELATED	REF	Product name
PRODUCTS	BM6100	<i>iLite[®]</i> AAV Responsive Reporter Assay Ready Cells
	BM6002	<i>iLite[®]</i> AAV2 Packaging Assay Ready Cells
	BM6005	<i>iLite[®]</i> AAV5 Packaging Assay Ready Cells
	BM6006	<i>iLite[®]</i> AAV6 Packaging Assay Ready Cells
	BM6008	<i>iLite[®]</i> AAV8 Packaging Assay Ready Cells
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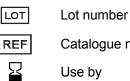
PRODUCT SPECIFICATION



REFERENCES

SYMBOLS ON LABEL

1. Gupta V, Lourenço SP, Hidalgo IJ. Development of Gene Therapy Vectors: Remaining Challenges. J Pharm Sci. 2020



Catalogue number

Temperature limitation

Biological risk

Manufacturer

PRECAUTIONS

For research use only. This product is intended for professional laboratory research use only. The data and results originating from using the product should not be used either in diagnostic procedures or in human therapeutic applications.

iLite® AAV9 Packaging Assay Ready Cells are a cell line of human origin classified as a Class 2 Genetically Modified Microorganism. They should be handled in accordance with EU directive (2009/41/EC) and disposed of in a licensed contained-use facility in accordance with these regulations. When used in accordance with the manufacturer's product specification, the requirements of EC Directive 2009/41/EC on the contained-use of genetically modified microorganisms are deemed to have been met.

Residues of chemicals and preparations generally considered as biohazardous waste should be inactivated prior to disposal by autoclaving or using bleach. All such materials should be disposed of in accordance with established safety procedures.

PROPRIETARY **INFORMATION**

In accepting delivery of *iLite®* Assay Ready Cells the recipient agrees not to sub-culture these cells, attempt to sub-culture them or to give them to a third party, and only to use them directly in assays. *iLite®* cellbased products are covered by patents which is the property of Svar Life Science AB and any attempt to reproduce the delivered *iLite®* Assay Ready Cells is an infringement of these patents.

Svar Life Science AB

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