

Information Sheet for BioMedicine's Products

Rat Leydig Cell Tumor CancerVaccine™

BioMedicine Number:	CV-043-1	Price:	\$349.99
Designations:	V-043	<p>Use Restrictions These cells are distributed for research purposes only. BioMedicine recommends that individuals contemplating commercial use of any enriched CancerStemCell™ products first contact BioMedicine for potential licensing agreement. Buyers are the second party end users of this product. Any distribution of this product to a third party is strictly prohibited.</p> <p>Biosafety Level: 0 Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publications: <i>Biosafety in Microbiological and Biomedical Laboratories</i>, 4th ed. HHS Publication No. (CDC) 93-8395. U.S. Department of Health and Human Services, Centers for Disease Control and Prevention. Washington DC: U.S. Government Printing Office: 1999. The entire text is available online at www.cdc.gov/od/ohs/biosfty/bmbl4/bmbl4toc.htm</p> <p>Handling Procedure for Frozen CancerVaccine™ To insure the highest level of efficacy, thaw the vial and initiate the vaccination within half an hour. If upon arrival, continued storage of the frozen CancerVaccine™ is necessary, it should be stored at -20°C. Storage at -70°C or lower temperature is not required. Storage at room temperature or 4-8°C not recommended as will result in antigen loss leading to reduced efficacy in immune response.</p> <p>SAFETY PRECAUTION: BioMedicine highly recommends that protective gloves and clothing always be used.</p>	
Unit Size:	200 µL		
Producer:	BioMedicine		
Biosafety level:	0		
Shipped:	Frozen		
Organism:	<i>Rattus norvegicus</i>		
Strain:	Fischer		
Target disease:	Leydig cell tumor, testis		
Growth Properties:	Non-viable		
Tumorigenic <i>in vitro</i>:	No		
Tumorigenic <i>in vivo</i>:	No		
Toxicity:	None		
Heterogeneous:	Yes		
Preventive Cancer:	Leydig cell tumor, testis		
Paired CancerStemCell™:	CSC-043		
Molecular recognition patterns:	None		
Genomic background:	Rat Fischer		
Antigens:	Diverse		
Immune response rate:	100%		

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Vaccination Schedule:

Day 1 and day 15

The first vaccination is mostly for antigen presentation and memory and polyclonal antibody production. The second vaccination will synergize immune components including polyclonal antibody, lymphocytes, interleukin and various cytokines to mount attacks against multiple types of cancerous cells including pre-cancer cells, cancer cells, metastasized cancer cells and cancer stem cells.

Vaccination Protocol

1. Read user's manual for instructions.
2. Label unvaccinated mice with ear punch or other methods.
3. Thaw the vial by a gentle agitation. Thawing should be rapid (within half an hour).
4. Using 1-2 mL syringes with clear marks on 100 uL and a 25-27 gauge needle.
5. The site of vaccination may be shaved so the sub-Q vaccination is not interfered with by fur.
6. Inject 100 uL CancerVaccine™ by sub-Q.
7. Push syringe slowly (30 seconds for 100 uL) to give optimal sub-Q presentation.

Additional Information

Additional product and technical information can be obtained from the catalog references and the BioMedicure Web site at www.biomedicure.com, or by email at cv@biomedicure.com

BioMedicure Warranty

The efficacy of BioMedicure products is warranted for 30 days from the date of shipment. If you feel there is a problem with this product, contact Technical Services by phone at 858-586-1888 or by email at cv@biomedicure.com.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in any regulatory area or subjects including human beings.

While BioMedicure uses reasonable efforts to include accurate and up to date information on this product sheet, BioMedicure makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. BioMedicure does not warrant that such information has been confirmed to be accurate.

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