



# Mantle Cell Lymphoma Xenograft Tumor Model

MODEL	NOMENCLATURE	HAIR	T CELLS	B CELLS	NK CELLS
SHrN <sup>®</sup>	NOD.Cg-Prkdc <sup>scid</sup> Hr <sup>hr</sup> /NCrHsd	No	Nonfunctional	Nonfunctional	Impaired

## Model

The SHrN<sup>®</sup> is a Hairless NOD.SCID Mouse developed by Harlan. Harlan was renamed Envigo in 2015. The SHrN<sup>®</sup> is a triple-immunodeficient model with distinct benefits and excellent for tumor xenografts.

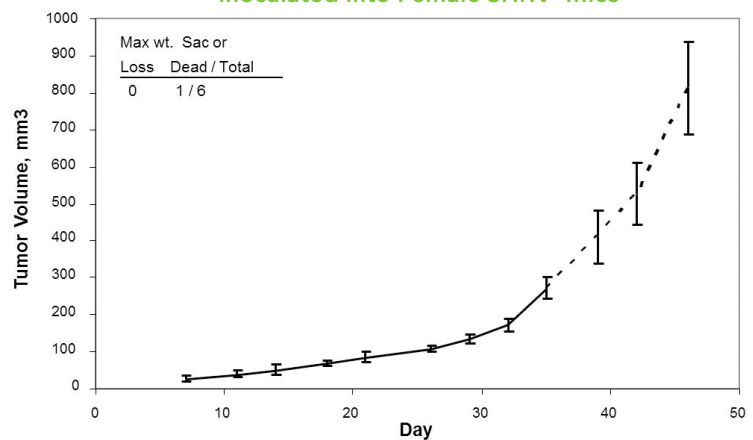
## Cell Line

Human JeKo-1 cells sourced from ATCC<sup>®</sup> (Number: CRL-3006<sup>™</sup>) were implanted into a cohort of SHrN<sup>®</sup> mice. Female mice at approximately 8 weeks of age were implanted with 1.0e7 cells with GFR Matrigel into the subcutaneous space of the right flank.

## Tumor Growth *in vivo*

The mice were maintained in a barrier undercontrolled environmental conditions. The mice consumed Teklad Global Rodent Diet 2914 (14% protein). Body weights were taken and tumor measurements were assessed with a caliper twice per week.

### Tumor Growth Rate for JeKo-1 Cells Inoculated into Female SHrN<sup>®</sup> Mice



Tumor growth study services conducted by Covance, Inc.

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