



Mantle Cell Lymphoma

Xenograft Tumor Model

MODEL	NOMENCLATURE	HAIR	T CELLS	B CELLS	NK CELLS
SHrN®	NOD.Cg-Prkdc ^{scid} Hr ^{hr} /NCrHsd	No	Nonfunctional	Nonfunctional	Impaired

MODEL

The SHrN® is a Hairless NOD.SCID Mouse developed by Harlan. Harlan became Envigo in 2015, then Envigo was acquired by Inotiv in 2021. The SHrN® is a triple-immunodeficient model with distinct benefits and excellent for tumor xenografts.

CELL LINE

Human JeKo-1 cells sourced from ATCC® (Number: CRL-3006™) were implanted into a cohort of SHrN® 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 under controlled 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® Mice

