



Oncology
Cell Line: 786-O

Renal Cell Adenocarcinoma

Xenograft Tumor Model

| MODEL | NOMENCLATURE | HAIR | T CELLS | B CELLS | NK CELLS |
|--------------------|--------------------------------------|------|---------------|------------|------------|
| Athymic Nude Mouse | Hsd:Athymic Nude-Foxn1 ^{nu} | No | Nonfunctional | Functional | Functional |

MODEL

The athymic nude mouse has an autosomal recessive mutation on *nu* locus on chromosome 11. The hairless model is T-cell deficient and accepts xenograft transplantation.

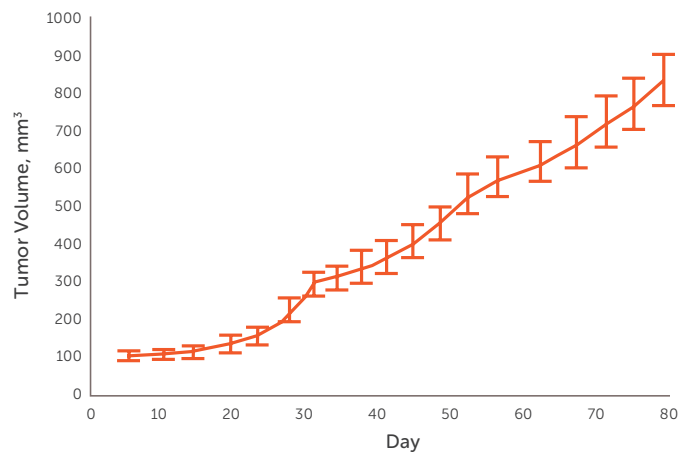
CELL LINE

Human 786-O cells sourced from ATCC® (Number: CRL-1932™) were implanted into a cohort of athymic nude mice. Female mice at approximately 8 weeks of age were implanted with 5.0e6 cells with GFR Matrigel (1:1 dilution) 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 786-O Cells Inoculated into Female Athymic Nude Mice



Data shown as mean values; N=9
Tumor growth study services conducted by Labcorp Drug Development