

Product Datasheet



Product Description

Product:	Mouse PAI-1 genetically deficient kidney
Catalog Number:	IMPAI-KO-KD
Description:	<p>This organ is an ideal negative control for western blotting, immunoprecipitation, immunohistochemistry and other experiments involving PAI-1. Collected and flash frozen from homozygous PAI-1 knockout mice of strain B6.129S2-Serpine1 tm1Mlg /J. The targeted PAI-1 knockout mutation was made on the C57BL/6J background strain. Mice homozygous for this mutation develop normally and are viable and fertile. Compared to wild type mice, pulmonary clot lysis is increased in the heterozygote and further increased in the homozygote. Endotoxin induced venous thrombosis is decreased compared to wild type mice. Thus, disruption of the Serpine1 gene induces a mild hyperfibrinolytic state. Hemostasis is normal in homozygous mutants.</p> <p>References: Carmeliet P; Kieckens L; Schoonjans L; Ream B; van Nuffelen A; Prendergast G; Cole M; Bronson R; Collen D; Mulligan RC. 1993. Plasminogen activator inhibitor-1 gene-deficient mice. I. Generation by homologous recombination and characterization. J Clin Invest 92(6):2746-55.</p>
Source:	PAI-1 knockout mouse

Sample Characteristics

Lot Number:	SAMPLE
Aliquot:	1 x 1 Kidney
Form:	Frozen tissue

Shipping Information

Recommended Storage:	-70 C
Shipping Conditions:	Dry ice
Minimum Shelf Life:	3 years from delivery

For In Vitro laboratory use only

Innovative Research, Inc. - 46430 Peary Court, Novi, MI 48377, USA - Tel: (888) 660-6866 - Fax: (248) 896-0149 - helpdesk@innov-research.com