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## Product Datasheet

### Rat Proteoglycan 4 (PRG4) ELISA Kit ASC-KTE100441

Article Name	Rat Proteoglycan 4 (PRG4) ELISA Kit
Biozol Catalog Number	ASC-KTE100441
Supplier Catalog Number	KTE100441
Alternative Catalog Number	ASC-KTE100441-48,ASC-KTE100441-96
Manufacturer	Abbkine Scientific
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	This Rat Proteoglycan 4 (PRG4) ELISA Kit employs a two-site sandwich ELISA to quantitate PRG4....
Range	Please inquire
Sensitivity	Please inquire
Tag	PRG4
NCBI	<a href="#">10216</a>
UniProt	<a href="#">Q92954</a>
Samples	Cell culture supernatants Serum Plasma Other biological fluids

Application Notes

This Rat Proteoglycan 4 (PRG4) ELISA Kit employs a two-site sandwich ELISA to quantitate PRG4 in samples. An antibody specific for PRG4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PRG4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PRG4 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PRG4 bound in the initial step. The color development is stopped and the intensity of the color is measured.