



Recombinant FIV p24 Antigen (DAG-WT714)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Purity	> 95 % as determined by SDS-PAGE
Conjugate	TBD
Applications	ELISA, LF
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements.
Size	1 mg
Buffer	20 mM PBS buffer, pH11.5
Preservative	None
Storage	Short term 2-8°C, long term -20°C

BACKGROUND

Introduction

Feline immunodeficiency virus (FIV) is a lentivirus that affects domesticated housecats worldwide and is the causative agent of feline AIDS. From 2.5% up to 4.4% of cats worldwide are infected with FIV. FIV differs taxonomically from two other feline retroviruses, feline leukemia virus (FeLV) and feline foamy virus (FFV), and is more closely related to human immunodeficiency virus HIV. Within FIV, five subtypes have been identified based on nucleotide sequence differences coding for the viral envelope (env) or polymerase (pol). FIV is the only non-primate lentivirus to cause an AIDS-like syndrome, but FIV is not typically fatal for cats, as they can live relatively healthily as carriers and transmitters of the disease for many years. A vaccine is available although its efficacy remains uncertain, and cats will test positive for FIV antibodies after vaccination.

Keywords

Feline immunodeficiency virus; FIV; p24
