



Recombinant Porcine Circovirus Type 3 Capsid Protein (DAG-WT1118)

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

PRODUCT INFORMATION

Purity	> 90 % as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	50mM Tris, pH 8.0, 300mM NaCl, 2mM DTT, 2mM EDTA, 0.1% Triton X-100
Preservative	None
Storage	Store at -20°C

BACKGROUND

Introduction	Porcine circovirus (PCV) is a common virus of pigs found throughout the world. This DNA virus is unique for its small size (~1800 bp), circular genome, and hardness in the environment. In the late 1990s, a novel circovirus emerged in North American swine that appeared to be genetically distinct from the prototype PCV (now referred to as PCV Type 1) and was termed PCV Type 2 (PCV2). Porcine circovirus Type 1 had been recognized for several decades as a common contaminant of laboratory cell cultures but despite being widespread in commercial swine, was nonpathogenic. The emergence of PCV2 coincided with the occurrence of a new clinical syndrome of swine referred to as postweaning multisystemic wasting syndrome (PMWS).
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Keywords

PCV3; Porcine circovirus; Capsid protein
