



Product Datasheet

IgY - Anti-Cryptosporidium parvum antibody

ANTIGENES

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only for professional use

Article No.: ABYM 2030	Lot No./ Charge: (see product label)	Quantity: 1 mg / 1 mg/ml
Product name: IgY - Anti-Cryptosporidium parvum antibody		
<p>Cryptosporidium parvum is an intracellular protozoan parasite of the family Cryptosporidiidae and phylum Apicomplexa. This microscopic parasite causes the diarrheal disease cryptosporidiosis. Both the parasite and the disease are commonly known as „Crypto“. While this parasite can be spread in several different ways, water (drinking water and recreational water) is the most common way to spread the parasite. Cryptosporidium is a leading cause of waterborne disease among humans.</p>		
Immunogen	<i>Cryptosporidium parvum</i>	
Host	chicken	
Isotype	immunoglobulin Y (IgY) – egg yolk	
Purification	ammonium sulphate precipitation	
Format	powder/ liquid	
Buffer	no/ PBS with 0.1 % sodium azide	
Storage	shipped at 4°C, store at -20°C	
Applications	<i>in vitro</i> diagnostics: ELISA, Agglutination-Test, Dot, Rapid-Test and other applications	
Proteine concentration	estimated by Bradford method	
Molecular weight estimation	SDS-PAGE (BioRad)	

Application (only for *in vitro* diagnostics): This product is for Research and Development use only. It must not be used as a remedy and not as an *in vivo* application. Foam or bubble development should be avoided. Any unused stock solution must then be divided into aliquots and frozen at -20°C. Repeated freezing and thawing is not recommended. For optimal immunoassay application we recommend to perform a chessboard titration (CBT) to avoid false-positive results.

Bochum, November 2016

approved: _____
(signature)