



Product Datasheet

IgY - Anti- IgG antibody

ANTIGENES

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only for professional use

Article No.: ABYS 6020	Lot No./ Charge: (see product label)	Quantity: 1 mg / 1mg/ml
Product name: IgY - Anti-IgG antibody		
Antisperm antibodies (anti-spermatozoa antibodies, sperm antibodies) in the form of autoantibodies in male and alloantibodies in female patients directed against sperm antigens may prevent fertilization of the oocyte into the female genital tract and are therefore one of the major reasons for an immunologically induced infertility. Once sperm and blood come in contact, whether in the male or female, specific antibodies are produced against them by specialized blood cells called T- and B-lymphocytes. The three main types of sperm antibodies produced are Immunoglobulin G (IgG), Immunoglobulin A (IgA) and Immunoglobulin M (IgM). These antibodies bind to the proteins (antigens) on the sperm head, midpiece or tail.		
Immunogen	IgY-Anti-IgG	
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)