



Product Datasheet

IgY - Anti-human sperm antibody

ANTIGENES

Medizinische Labordiagnostika Soukou
Hustadtring 151
44801 Bochum
Germany
Tel.: +49 234-91795580
Fax: +49 234-91795581
Email: info@antigenes.de
Homepage: www.antigenes.de

only for professional use

Article No.: ABYS 6000	Lot No./ Charge: (see product label)	Quantity: 1 mg / 1mg/ml
Product name: IgY - Anti-human sperm antibody		
Sperm cells contribute approximately half of the nuclear genetic information to the diploid offspring (excluding, in most cases, mitochondrial DNA). In mammals, the sex of the offspring is determined by the sperm cell: a spermatozoon bearing a X chromosome will lead to a female (XX) offspring, while one bearing a Y chromosome will lead to a male (XY) offspring. Sperm quantity and quality are the main parameters in semen quality, which is a measure of the ability of semen to accomplish fertilization. Thus, in humans, it is a measure of fertility in a man. The genetic quality of sperm, as well as its volume and motility, all typically decrease with age.		
Immunogen	human sperm	
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)