

Datasheet: AAI26F

**BATCH NUMBER 162390**

<b>Description:</b>	GOAT ANTI CAT IgG (Fc):FITC
<b>Specificity:</b>	IgG (Fc)
<b>Format:</b>	FITC
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			
Immunohistology - Frozen	▪			1/50 - 1/500
Immunohistology - Paraffin			▪	
Immunofluorescence			▪	

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using the appropriate negative/positive controls.

### Target Species

Cat

### Species Cross Reactivity

Reacts with: Iberian Lynx, Rabbit  
**N.B.** Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

### Product Form

Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid

### Max Ex/Em

Fluorophore	Excitation Max (nm)	Emission Max (nm)
FITC	490	525

**Antiserum Preparation** Antisera to feline IgG were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography using antigen coupled to agarose beads.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide 0.2% Bovine Serum Albumin
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Purified feline IgG (Fc) fragment.
<b>RRID</b>	AB_323010
<b>Specificity</b>	<b>Goat anti cat IgG (Fc) antibody</b> recognizes feline IgG (Fc) and shows no cross-reactivity with other feline immunoglobulin classes in immunoelectrophoresis.
<b>References</b>	<ol style="list-style-type: none"> <li>1. De Craeye, S. <i>et al.</i> (2008) Prevalence of <i>Toxoplasma gondii</i> infection in Belgian house cats. <a href="#">Vet Parasitol. 157:128-32.</a></li> <li>2. Saari, S. <i>et al.</i> (2008) A nonhealing ulcerative skin lesion associated with <i>Trichinella nativa</i> infection in a cat. <a href="#">J Vet Diagn Invest. 20:839-43.</a></li> <li>3. Norris, C.R. <i>et al.</i> (2003) Production of polyclonal antisera against feline immunoglobulin E and its use in an ELISA in cats with experimentally induced asthma. <a href="#">Vet Immunol Immunopathol. 96: 149-57.</a></li> <li>4. Jiménez, A. <i>et al.</i> (2008) Membranous glomerulonephritis in the Iberian lynx (<i>Lynx pardinus</i>). <a href="#">Vet Immunol Immunopathol. 121: 34-43.</a></li> <li>5. Tochikura, T.S. <i>et al.</i> (2010) Differential CXCR4 expression and function in subpopulations of the feline lymphoma cell line 3201 susceptible to feline immunodeficiency virus. <a href="#">J Feline Med Surg. 12: 269-77.</a></li> <li>6. Persichetti, M.F. <i>et al.</i> (2017) Diagnostic performance of ELISA, IFAT and Western blot for the detection of anti-<i>Leishmania infantum</i> antibodies in cats using a Bayesian analysis without a gold standard. <a href="#">Parasit Vectors. 10 (1): 119.</a></li> <li>7. Alvarez-Guerrero C <i>et al.</i> (2014) Pathological and parasitological traits in experimentally infected cats with <i>Gnathostoma binucleatum</i> (Spirurida: Gnathostomatidae). <a href="#">Vet Parasitol. 204 (3-4): 279-84.</a></li> <li>8. Pereira, A. <i>et al.</i> (2019) Antibody response to <i>Phlebotomus perniciosus</i> saliva in cats naturally exposed to phlebotomine sand flies is positively associated with <i>Leishmania</i> infection. <a href="#">Parasit Vectors. 12 (1): 128.</a></li> <li>9. Cherif, A.M. <i>et al.</i> (2022) A cross- sectional study of <i>Leishmania infantum</i> infection in stray cats in Algiers' suburbs, Algeria, and evaluation of serological and molecular tests for its diagnosis <a href="#">Veterinaria 71 (1): 73-83.</a></li> </ol>
<b>Storage</b>	Store at +4°C. DO NOT FREEZE. This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety</b>	Material Safety Datasheet documentation #10041 available at:

**Information**

<https://www.bio-rad-antibodies.com/SDS/AAI26F>

10041

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**Regulatory**

For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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