

## Datasheet: AAI26P

**BATCH NUMBER 161339**

|                      |                            |
|----------------------|----------------------------|
| <b>Description:</b>  | GOAT ANTI CAT IgG (Fc):HRP |
| <b>Specificity:</b>  | IgG (Fc)                   |
| <b>Format:</b>       | HRP                        |
| <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 |
|----------------------------|-----|----|----------------|--------------------|
| Immunohistology - Frozen   |     |    | ▪              |                    |
| Immunohistology - Paraffin |     |    | ▪              |                    |
| ELISA                      | ▪   |    |                | 1/10,000           |
| Western Blotting           |     |    | ▪              |                    |

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 Horseradish Peroxidase (HRP) - liquid

#### Antiserum Preparation

Antisera to feline IgG were raised by repeated immunisation of goat with highly purified antigen. Purified IgG prepared by affinity chromatography.

#### Buffer Solution

Phosphate buffered saline

#### Preservative

0.05% Proclin™ 300

|                                       |   |
|---------------------------------------|---|
| <b>Stabilisers</b>                    | 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_323009   |
| <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>                        | <p>Store at +4°C. DO NOT FREEZE.</p> <p>This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.</p>   |
| <b>Guarantee</b>                      | 12 months from date of despatch   |
| <b>Acknowledgements</b>               | Proclin™ 300 is a trademark of The Dow Chemical Company ("Dow") or an affiliated company of Dow.  |
| <b>Health And Safety Information</b>  | Material Safety Datasheet documentation #20391 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AAI26P">https://www.bio-rad-antibodies.com/SDS/AAI26P</a>  |

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**Regulatory**

For research purposes only

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### Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

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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://bio-rad-antibodies.com/datasheets)

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