

## Datasheet: AAI24F

|                      |                        |
|----------------------|------------------------|
| <b>Description:</b>  | GOAT ANTI CAT IgM:FITC |
| <b>Specificity:</b>  | IgM                    |
| <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   | ▪   |    |                |                    |
| 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.

| <b>Target Species</b> | Cat  |                   |                     |                   |      |     |     |
|-----------------------|--|-------------------|---------------------|-------------------|------|-----|-----|
| <b>Product Form</b>   | Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid   |                   |                     |                   |      |     |     |
| <b>Max Ex/Em</b>      | <table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>FITC</td> <td>490</td> <td>525</td> </tr> </tbody> </table> | Fluorophore       | Excitation Max (nm) | Emission Max (nm) | FITC | 490 | 525 |
| Fluorophore           | Excitation Max (nm)  | Emission Max (nm) |                     |                   |      |     |     |
| FITC                  | 490  | 525               |                     |                   |      |     |     |

**Antiserum Preparation** Antisera to feline IgM 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</b>    | 0.09% Sodium Azide          |
| <b>Stabilisers</b>     | 0.2% Bovine Serum Albumin   |
| <b>Approx. Protein</b> | IgG concentration 1.0 mg/ml |

## Concentrations

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**Immunogen** Purified feline IgM.

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**RRID** AB\_323016

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**Specificity** **Goat anti Cat IgM antibody** recognizes feline IgM and shows no cross - reactivity with other feline immunoglobulin classes in immunoelectrophoresis.

Goat anti Cat IgM antibody may cross react with IgM from other species.

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## References

1. Jiménez, A. *et al.* (2008) Membranous glomerulonephritis in the Iberian lynx (*Lynx pardinus*). [Vet Immunol Immunopathol. 121: 34-43.](#)
2. Norris, C.R. *et al.* (2003) Production of polyclonal antisera against feline immunoglobulin E and its use in an ELISA in cats with experimentally induced asthma. [Vet Immunol Immunopathol. 96: 149-57.](#)
3. Limlengert, P. *et al.* (2011) Application of Flow Cytometry for Early Diagnosis and Monitoring in Cats with Immune-mediated Hemolytic Anemia [Thai J Vet Med. 41: 185-91.](#)

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## Storage

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.

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## Guarantee

12 months from date of despatch

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## Health And Safety Information

Material Safety Datasheet documentation #10041 available at: 10041: <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

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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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