Datasheet: AAI31F

<table>
<thead>
<tr>
<th>Description</th>
<th>GOAT ANTI DOG IgA:FITC</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specificity</td>
<td>IgA</td>
</tr>
<tr>
<td>Format</td>
<td>FITC</td>
</tr>
<tr>
<td>Product Type</td>
<td>Polyclonal Antibody</td>
</tr>
<tr>
<td>Isotype</td>
<td>Polyclonal IgG</td>
</tr>
<tr>
<td>Quantity</td>
<td>1 mg</td>
</tr>
</tbody>
</table>

**Product Details**

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).

<table>
<thead>
<tr>
<th>Applications</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flow Cytometry</td>
<td>✗</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Immunohistology - Frozen</td>
<td>✗</td>
<td></td>
<td></td>
<td>1/50 - 1/500</td>
</tr>
<tr>
<td>Immunohistology - Paraffin</td>
<td></td>
<td>✗</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**

Dog

**Species Cross Reactivity**

Reacts with: Ferret, Wolf

Based on sequence similarity, is expected to react with: Mustelid

**N.B.** Antibody reactivity and working conditions may vary between species.

**Product Form**

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

**Max Ex/Em**

<table>
<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>

**Antiserum Preparation**

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

**Buffer Solution**

Phosphate buffered saline

**Preservative Stabilisers**

0.09% Sodium Azide

0.2% Bovine Serum Albumin

**Approx. Protein Concentrations**

IgG concentration 1.0 mg/ml

**Immunogen**

Purified canine IgA.
**Specificity**

**Goat anti Dog IgA polyclonal antibody** recognizes canine IgA and shows no cross reactivity with other canine immunoglobulin classes in immunoelectrophoresis or ELISA.

Goat anti Dog IgA may cross react with IgA from other species. Goat anti Dog IgA polyclonal antibody has been shown to cross react with IgA from other canids ([Frankowiack et al. 2013](#)) and with mustelids ([Martel et al. 2009](#)).

**References**


**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.

**Shelf Life**

12 months from date of despatch.

**Health And Safety Information**


**Regulatory**

For research purposes only.