

ARG83061 Babesia / Nuttallia ELISA Kit

Package: 96 wells
Store at: 4°C

Summary

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| Product Description | ARG83061 Babesia / Nuttallia ELISA Kit is an enzyme immunoassay kit for the qualitative of Babesia / Nuttallia of animals. |
| Tested Reactivity | Other |
| Tested Application | ELISA |
| Target Name | Babesia / Nuttallia |
| Conjugation | HRP |
| Conjugation Note | Substrate: TMB and read at 450 nm. |
| Detection Range | Cut - off |
| Sample Type | serum |
| Sample Volume | 100 µl |
| Precision | Intra-Assay CV: less than 3% Inter-Assay CV: less than 10% |
| Alternate Names | Babesia, Nuttallia |

Application Instructions

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| Assay Time | ~2 hour |
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Properties

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| Form | 96 well |
| Storage instruction | Store the kit at 2-8°C. Keep microplate wells sealed in a dry bag with desiccants. Do not expose test reagents to heat, sun or strong light during storage and usage. Please refer to the product user manual for detail temperatures of the components. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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| Gene Full Name | Babesia |
| Background | Babesia, also called Nuttallia, is an apicomplexan parasite that infects red blood cells and is transmitted by ticks. Originally discovered by the Romanian bacteriologist Victor Babeş in 1888, over 100 species of Babesia have since been identified. Babesia comprises more than 100 species of tick-borne parasites that infect erythrocytes (red blood cells) in many vertebrate hosts. Babesia species infect livestock worldwide, wild and domestic vertebrate animals, and occasionally humans, where they cause the disease babesiosis. In the United States, B. microti is the most common strain of the few which have been documented to cause disease in humans. |