

## ARG83070 Feline Leukemia Virus (FeLV) ELISA Kit

Package: 96 wells  
Store at: 4°C

### Summary

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| Product Description | ARG83070 Feline Leukemia Virus (FeLV) ELISA Kit is an enzyme immunoassay kit for the qualitative Feline Leukemia Virus in cat serum, plasma, saliva, and bone marrow. |
| Tested Reactivity   | Cat   |
| Tested Application  | ELISA   |
| Target Name         | Leukemia Virus  |
| Conjugation         | HRP   |
| Conjugation Note    | Substrate: TMB and read at 450 nm.  |
| Detection Range     | Cut - off   |
| Sample Type         | Serum, plasma, saliva, and bone marrow.   |
| Sample Volume       | 100 µl  |
| Precision           | Intra-Assay CV: less than 7%<br>Inter-Assay CV: less than 9%  |
| Alternate Names     | Feline Leukemia Virus, FeLV, Feline sarcoma and leukemia virus, Feline sarcoma virus  |

### Application Instructions

|            |         |
|------------|---------|
| 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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| Background | Feline leukemia virus (FeLV) is a retrovirus that infects cats. FeLV can be transmitted from infected cats when the transfer of saliva or nasal secretions is involved. If not defeated by the animal's immune system, the virus weakens the cat's immune system, which can lead to diseases which can be lethal. Because FeLV is cat-to-cat contagious, FeLV+ cats should only live with other FeLV+ cats. FeLV is categorized into four subgroups, A, B, C and T. An infected cat has a combination of FeLV-A and one or more of the other subgroups. Symptoms, prognosis and treatment are all affected by subgroup. |
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