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## Product Datasheet

### Canine Annexin V-Fluorescein Apoptosis Assay Kit BYT-ORB1409912

Article Name	Canine Annexin V-Fluorescein Apoptosis Assay Kit
Biozol Catalog Number	BYT-ORB1409912
Supplier Catalog Number	orb1409912
Alternative Catalog Number	BYT-ORB1409912-500
Manufacturer	Biorbyt
Category	Kits/Assays
Product Description	For quickly and easily distinguishing two populations of dying cells from viable cells using recombinant fluorescein-conjugated Canine Annexin V and Propidium Iodide. Results can be analyzed via flow cytometer....
Samples	Cell culture
Application Notes	Application Notes: 1. Prepare samples and controls., 2. Dilute 10X Binding Buffer 1:10 WITH DiH2O., 3. Wash cells twice in ice-cold culture medium or PBS and resuspend in ice-cold 1X Binding Buffer at $5 \times 10^5$ - $1 \times 10^6$ cells/mL., 4. Reconstitute Chicken Annexin V-Fluorescein in 1 mL Annexin Reconstitution Buffer, 1X., 5. Dilute reconstituted Annexin V-Fluorescein 1:5 in PBS., 6. Add diluted Annexin V-Fluorescein to each sample at ~1:10., 7. Dilute PI 1:10 in PBS., 8. Add diluted PI to each sample at ~1:20., 9. Incubate 15 minutes on ice and protected from light., 10. Add 400 $\mu$ L 1X Binding Buffer to each sample., 11. Analyze with a flow cytometer. Annexin V-Fluorescein excites at 494 nm and emits at 521 nm. PI excites at 536 nm and emits at 617 nm