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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

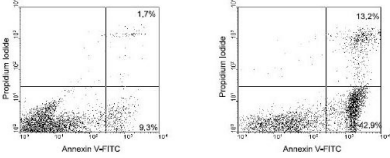
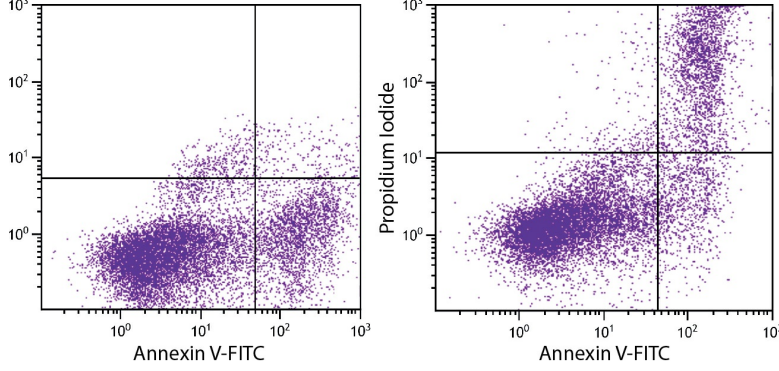
F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Product Number	OKSB00007
Product Page	www.avivasysbio.com/aposcreen-annexin-v-apoptosis-kit-fitc-oksb00007.html
Name	Aposcreen Annexin V Apoptosis Kit : FITC (OKSB00007)
Conjugation	FITC
Host	Expressed in E. coli
Reference	<ol style="list-style-type: none"> 1. Cohen, J.J. 1991. Adv. Immunol. 50:55 2. MacDonald, HR, and R.K. Lees. 1990. Nature 343:642 3. Liu, Y.J., et al. 1989. Nature 342:929 4. Arends, M.J., and A.H. Wylie. 1991. Int. Rev. Exp. Pathol. 32:223 5. Wylie, A.H., et al. 1991. J. Pathol. 142:67 6. Fadok, V.A., et al. 1992. J. Immunol. 148:22077. Tait, J.F., et al. 1989. J. Biol. Chem. 264:7944 8. Andree, H.A., et al. 1990. J. Biol. Chem. 265:4923 9. Thiagarajan, P., et al. 1990. J. Biol. Chem. 265:17420 10. Dachary, P.J., et al. 1993. Blood 81:2554 11. Koopman, G., et al. 1994. Blood 84:1415 12. Martin, S.J., et al. 1995. J. Exp. Med. 182:1545 13. Wood, B.L., et al. 1996. Blood 88:1873 14. Gavriell, Y., et al. 1992. J. Cell. Biol. 119:493.
Application Kit	<p>- 1 mL Annexin V- FITC: Store at 2- 8 C. Use as directed; no pre- dilution necessary</p> <p>- 1 mL propidium iodide: Store at 2- 8 C. Use as directed; no pre- dilution necessary. Avoid skin contact and dispose of properly</p> <p>- 7 x 1.5 mL 10X binding buffer: Store at 2- 8 C. Dilute 1 part 10X buffer with 9 parts dH2O prior to use</p> <p>Note: Annexin V is produced by Aviva Systems Biology</p>
Reconstitution and Storage	Store at 2-8C
Datasheets/Manuals	Printable datasheet for Aposcreen Annexin V Apoptosis Kit : FITC (OKSB00007)
Additional Information	<p>Description: ApoScreen Annexin V Apoptosis Kit-FITC employs a fluorescein-conjugated Annexin V (Annexin V-FITC) in concert with propidium iodide (PI) to evaluate subpopulations of cells undergoing apoptosis. During the early stages of apoptosis, cells begin to display phosphatidylserine (PS) on the outer cell membrane where it is readily detectable by staining the cells with Annexin V-FITC. As the plasma membrane becomes increasingly permeable during the later stages of apoptosis, PI can readily move across the cell membrane and bind to cellular DNA, providing a means for identifying those cells that have lost membrane integrity through mechanisms including necrosis. When cells are double stained with Annexin V-FITC and PI, three different cell populations may be observed - (i) live cells that do not stain with either Annexin V-FITC or PI; (ii) necrotic cells that stain with both reagents; and (iii) apoptotic cells that stain with Annexin V-FITC only. Analysis may be performed on any flow cytometer equipped with a single laser using excitation at 488 nm. Alternatively, the cells can be examined with a fluorescence microscope equipped with filters for discrimination of FITC and rhodamine/PI.</p>
Application Info	Annexin V-FITC: 10 uL/10 ⁶ cells Propidium Iodide (PI): 10 uL/10 ⁶ cells Annexin Binding Buffer 10X: Dilute 1 part 10X buffer with 9 parts dH2O just prior to use For flow cytometry, the suggested use of these reagents is in a final volume of 100 uL of Annexin Binding Buffer 1X.
Protocol Information	<ol style="list-style-type: none"> 1. Wash cells twice in cold PBS. 2. Resuspend cells in cold 1X Annexin Binding Buffer to a concentration of 1 x 10⁶ cells/mL. 3. Add 100 uL of cell suspension (10⁶) to 5 mL polystyrene round bottom tubes. 4. Add 10 uL of conjugated Annexin V-FITC. 5. Gently vortex each tube and incubate for 15 minutes at 2-8C and protected from light. 6. Without washing, add ~380 uL of cold 1X Annexin Binding Buffer to each tube. 7. Add 10 uL of Propidium Iodide (PI). 8. Analyze by flow cytometry immediately.

ELISA Kit Component	<ol style="list-style-type: none"> 1. Annexin V-FITC is supplied as 100 tests in 1.0 mL of Annexin V Binding Buffer. 2. Propidium Iodide (PI) is supplied as 100 tests in 1.0 mL of Annexin V Binding Buffer. 3. Annexin V Buffer 10X is supplied as 7 x 1.5 mL.
Application	FC, ICC
Image 1	
Image 2	<p>Day old BALB/c mouse splenocytes</p>  <p>Day old BALB/c mouse splenocytes were stained with ApoScreen® Annexin V Apoptosis Kit-FITC.</p>

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Optimal conditions of its use should be determined by end users.

AVIVA SYSTEMS BIOLOGY
6370 Nancy Ridge Dr., Suite 104, San Diego, CA 92121 USA | Tel: (858)552-6979 | info@avivasysbio.com