



ANNEXIN V UNLABELLED REAGENT

Catalog Number: 210-BV-3A5E **Lot no.:**

Description: This reagent is useful for the detection of cells undergoing apoptosis. During apoptosis, phosphatidylserine (PS) is translocated from the cytoplasmic side of the plasma membrane to the cell surface. Annexin V has a strong, Ca^{2+} - dependent affinity for PS and therefore serves as a probe for detecting apoptosis. The unlabelled Annexin V reagent can be conjugated to any tag of choice for the detection or can be used in competition binding experiments with tagged Annexin V conjugates.

Quantity: 100 µg/0.5 ml

Stability: Annexin V reagent should be stored 4 °C for short term or at -20 °C for longer term.

Quality control: The biological activity of Immunokontakt's Annexin V reagent has been tested as follows: apoptosis was induced in Jurkat cells by Human Fas monoclonal antibody (200 ng/ml; clone CH-11) for 8 hours. Functional binding of unlabelled Annexin V to the externalized phosphatidylserine (PS) of the apoptotic cells was determined by competitive binding with Annexin V-FITC (cat no. 210-BV-3A5A or 310-BV-3A5A). Cells were collected by centrifugation, resuspended in 500 µl of 1X Annexin V binding buffer (cat no. 200-BV-0A5A), and incubated with different amounts of unlabelled Annexin V and then with 1 µl of Annexin V-FITC for 10 minutes. As a control, cells were resuspended in 200 µl of 1 x Annexin V binding buffer and incubated with 1 µl of Annexin V-FITC for 10 minutes. When observed under a fluorescence microscope with an FITC filter, the apoptotic cells from the competitive binding assay exhibited dose dependent competition relative to apoptotic cells from the control assay.

Usage: ImmunoKontakt's Annexin V reagent is offered for research use. Not for human use.

For Research Use Only. Not For Diagnostic or Therapeutic Use.

UNITED KINGDOM, INTERNATIONAL:
AMS BIOTECHNOLOGY (EUROPE) LTD.
185A/B MILTON PARK, ABINGDON OXON OX14 4SR
TEL: +44 (0) 1235 828200
FAX: +44 (0) 1235 820482

SWITZERLAND
AMS BIOTECHNOLOGY (EUROPE) LTD.
CENTRO NORD-SUD 2E, 6934 BIOGGIO LUGANO
TEL: +41 (0) 91 6045522
FAX: +41 (0) 91 6051785

DEUTSCHLAND:
AMS BIOTECHNOLOGY GMBH
HENKELSTRASSE 15, 65187 WIESBADEN
TEL: +49 (0) 69-779099
FAX: +49 (0) 69-13376880

Web: www.ImmunoK.com
Email: IKinfo@amsbio.com



Conditions: The information disclosed herein is not be construed as a recommendation to use the above product in violation of any patents. ImmunoKontakt will not be held responsible for patent infringement or other violations that may occur with the use of our products.

Rev. 06/99

UNITED KINGDOM, INTERNATIONAL:
AMS BIOTECHNOLOGY (EUROPE) LTD.
185A/B MILTON PARK, ABINGDON OXON OX14 4SR
TEL: +44 (0) 1235 828200
FAX: +44 (0) 1235 820482

SWITZERLAND
AMS BIOTECHNOLOGY (EUROPE) LTD.
CENTRO NORD-SUD 2E, 6934 BIOGGIO LUGANO
TEL: +41 (0) 91 6045522
FAX: +41 (0) 91 6051785

DEUTSCHLAND:
AMS BIOTECHNOLOGY GMBH
HENKELSTRASSE 15, 65187 WIESBADEN
TEL: +49 (0) 69-779099
FAX: +49 (0) 69-13376880