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Glycerol  
PBS

9 volumes  
1 volume

Examine the cell preparation under a microscope equipped for detecting fluorescence.

## II – STORING THE CONJUGATE

The conjugate must be stored at 4°C. It must never be frozen. It will keep at least 1 year at 4°C.

## ANTI-EAV MONOCLONAL ANTIBODY LABELLED WITH FLUORESCHEIN ISOTHIOCYANATE (BIO 245)

(Reagent for direct immunofluorescence)

REAGENT FOR DETECTION OF EQUINE ARTERITIS VIRUS ON TISSUE SECTION  
OR CELL CULTURE

## I - PROCEDURE

Fix the cell preparation (cell cultures or tissue sections) for 15 minutes at room temperature with one of the following fixators :

- Acetone solution (9 volumes of acetone and 1 volume of water).
- Isopropanol
- Ethanol

Rince with PBS.

Dilute the conjugate twentyfold with a PBS-Evans blue solution made up according to the following formula:

### PBS - Blue Evans

NaCl:	8 gr
KH <sub>2</sub> PO <sub>4</sub> :	0.2 gr
KCl:	0.2 gr
Na <sub>2</sub> HPO <sub>4</sub> · 2H <sub>2</sub> O:	1.15 gr
Blue Evans:	0.01 gr
NaN <sub>3</sub> :	0.1 gr
H <sub>2</sub> O	1 L

Incubate the sample with the fluorescein-labelled conjugate for 1 hour at room temperature. At the end of this incubation period rinse the cell preparation with a PBS solution. Dry the cell preparation, then add the mounting medium prepared as follows:

### Mounting medium