



Tissue Microarray (TMA)

Indirect Immunofluorescence

GENERAL NOTE

This Product Application Information is based on standard application protocols, modified on the basis of our own lab experience.

As handling in numerous labs is quite different oligene can not guarantee for the results using this protocol, as well as for mistakes in the protocol. As it does not contain any safety instruction, the operator is responsible to inform about and to follow the safety instructions of the supplier of any material involved.

HANDLING NOTE

Be aware, that increased mechanical stress during TMA slide treatment may cause dislodging of spots! All wash solutions and reagents should be applied gently to the slide.

Protocol indirect Immunofluorescence

Pre-treatment of TMA slide:

- Incubate the slide over night at 37-58°C
- Remove paraffin wax carefully (standard protocols of descending alcohol sequence) and rehydrate

deparaffination

- 3 x 10 min Xylol
- 2 x 5 min. 100% Ethanol (RT)
- 2 x 5 min. 96% Ethanol (add DEPC-H₂O)
- 2 x 5 min. 70% Ethanol (add DEPC- H₂O)
- Aqua dest.

Unmask if necessary (check datasheet of your application kit / antibody specifications)

implementation

- incubate slide 5 min. at RT in TBS
- swab excrescent wetness and cover the test area with optimal diluted antibody
- incubate 30 min. at RT in wet chamber
- wash 3 x 5 min. with TBS
- swab excrescent wetness and cover the test area with optimal diluted FITC-conjugated antibody
- incubate 30 min. at RT in wet chamber
- wash 3 x 5 min. with TBS
- rinse slide with aqua dest. and swab excrescent wetness
- cover with mounting medium (pH 8,4)

For Research Use Only

Not intended for use in diagnostic or therapeutic procedures.



direct Immunofluorescence

With the exception of point 2, where a FITC-conjugated antibody is used and under omission of point 5, 6 and 7, proceed like indirect Immunofluorescence

notice:

- important: do not let slides run dry!
- decide the blocking options of background depending on used tissue and enzyme-substrate mixture
- using additional kits please follow the company advices

Storage

- Store at +4°C in the dark

Orders and Technical Information

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