



BIOPRIME

Product Description

Art.-Nr.: DE006

Demasking Solution E

EDTA-Solution pH 9

Presentation: 100 ml 10 x concentrated solution

In General: After fixation of tissues with aldehyde (in particular fixation with formaldehyde) many antigens are not longer accessible for antibodies by cross linked proteins. This is true for monoclonal as well as for mono-specific polyclonal antibodies, detecting only a certain antigen epitope. This masking can be compensated by several techniques of demasking, e.g. predigesting with Pronase, Pepsin or Proteinase K or by treatment with carbonate, urea and glycol solutions under high temperature. Alkaline EDTA-solutions showed significant better results with some antigens than demasking solutions based on enzyme or citrate.

Application: Dilute the concentrate 1:10 in *aqua dest.*. After **deparaffinisation** the tissue section will be overlaid by diluted demasking solution in a appropriate cuvette (plastic) and heated to 90 – 100°C. The retention period depends on the certain antigen and the method of heating. Very often incubation of 2 x 5 min in a microwave (650 Watt) or 20 min in boiling water has proved to give good results. Using a steamer the incubation time is 5 min under full pressure, followed by a cooling of 15 min. If required, evaporated water can be replaced by *aqua dest.* or PBS. The solution can be used up to 3 times (Protocol!).

Good results * at: CD1a, CD2, CD4, CD9, CD22, CD30, CD40, cdk2, MAGE-1, P504S (AMACR) p63 Protein, Retinoblastoma, Tenascin, Tyrosinase, TTF - 1.

Storage: at 2-25°C.

? So far, all of the results are from foreign labs.

Hinweise:

* DE006 is a research reagent for *in vitro* experiments. It is not for clinical diagnostic! The article underlies a constantly quality control by a biochemical QC lab. A liability for not appropriate usage is excluded by the manufacturer.

** DE006 contains no toxic heavy metals and Schwermetalle and preservatives.

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