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**Data sheet Activator I+II**

**Cat. No.:** CT355

**Specificity:** Provides the substrate for the ELISPOT assay based on silver staining performed on polystyrene- or PVDF membrane-bottomed plates. The product consist of two items viz. Activator I and Activator II.

**Application:** Mix the Activator I and II solution 1:1 and add 35 µl/well in the final step of the U-CyTech ELISPOT assay. Spot development will take place between 15 to 60 minutes and can be monitored by light microscopy. When clear (microscopally black and visually yellow/brown) spots have developed, stop the reaction by rinsing the wells with demineralised water. Air-dry the plate at room temperature. Silver-stained spots are highly stable and spot quality is preserved for minimal one year when the plate is stored at a dry place. The product should be used in conjunction with GABA conjugate (CT351).

**Contents:** 9.5 ml Activator I and 9.5 ml Activator II.

**Sterility:** -

**Packaging:** 15 ml opaque amber bottles with amber closure (Activator I) or blue closure (Activator II).

**Storage:** Refrigerated, protected from light. The solutions can be safely stored at 4°C for a defined length of time (expiry date indicated on vial). Since the reagents are susceptible to oxidation by air, it is important that after use, the vials are tightly closed. It is recommended to divide the solutions into aliquots for single use. These aliquots are stable for at least 2 years when stored at ≤ -20°C.

**General:** Clear colorless solutions. Do not use if the solutions are of have become turbid.

**Safety:** **Warning:** Activator I and II solutions are classified as dangerous according to Regulation (EC) no. 1272/2008 and Directive 67/548/EC and its amendments.  
 Hazard statements:  
 H317: May cause an allergic skin reaction.  
 H318: Causes serious eye damage.  
 H410: Very toxic to aquatic life with long lasting effects.

Precaution statements:  
 P273: Avoid release to the environment.  
 P280: Wear protective gloves/protective clothing/eye protection/face protection.  
 P305 + P351 + P338:  
 IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.  
 P501: Dispose of contents/container to an approved waste disposal plant.

Keep away from acids and sources of ignition; use only non-sparking tools. Keep away from light, air and heat. In case of contact with skin, wash with soap and water and remove contaminated clothing and shoes. Upon ingestion rinse mouth (if person is conscious) and call physician immediately. Do not induce vomiting. In case of contact with eyes, irrigate with copious amounts of water for at least 15 minutes. Assure adequate flushing by separating the eyelids. Seek medical advice immediately. Toxic to aquatic organisms; avoid release in the environment.

Consult the material safety data sheet (MSDS) for further information regarding hazards and safe handling practices. The MSDS can be found on our website [www.ucytech.com](http://www.ucytech.com).

