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Data sheet	Streptavidin-HRP conjugate
Cat. No.	CT353
Format	5-plate
Specificity	Streptavidin-HRP conjugate forms part of the enzymatic coloring system of U-CyTech's ELISPOT assay performed on PVDF membrane-bottomed plates.
Application	<p>Reconstitute the lyophilized contents by injecting 500 µl of sterile distilled water into the vial. Mix the solution gently for approximately 15 sec and allow it to stand for 5 min at room temperature (RT: 20-26 °C). Avoid vigorous shaking.</p> <p>Dilute the reconstituted Streptavidin-HRP 100x in dilution buffer (use Dilution buffer R* [10x], U-CyTech cat. no. CT348).</p> <p>Apply 100 µl/well. Cover the plate and incubate 1 h at RT protected from light.</p> <p>The product should be used in combination with:</p> <ul style="list-style-type: none"> • Dilution buffer R* (U-CyTech cat. no. CT348) • AEC coloring system (U-CyTech cat. no. CT392) • 96-well PVDF membrane-bottomed plates (Millipore cat. no. MSIP S4510) <p>* Human IL-21 ELISPOT assay: use Dilution buffer Q (U-CyTech cat. no. CT368)</p>
Contents	Lyophilized product; sufficient for 480 ELISPOT determinations. Buffer prior to lyophilization: 0.5 ml PBS + 125 mM trehalose + 1% BSA. Preservative free.
Sterility	Membrane filtered (0.2 µm)
Packaging	10 ml brown glass bottle
Storage	The vial with lyophilized streptavidin-HRP conjugate is stable until the expiry date (indicated on the vial) when stored protected from light at ≤-20 °C. After reconstitution, the reagent is stable for at least 2 months at 4 °C when kept sterile and protected from light. However, it is strongly recommended to divide the solution into small aliquots for single use. These aliquots should be stored protected from light at ≤-20 °C (stable for at least one year).
General	A white pancake-like powder. After reconstitution: a clear solution. Do not use if the solution is or has become turbid.
Safety	Streptavidin-HRP conjugate is for professional use only. Follow general safety rules for laboratories.
	The product is not classified as hazardous according to Regulation (EC) no. 1272/2008.
First aid	<p>In case of contact with skin, remove contaminated clothing/shoes and wash contaminated area with water (or shower). Upon contact with eyes, rinse eyes with plenty of water for several minutes. Assure adequate flushing by separating the eyelids. After inhalation, provide fresh air. Upon swallowing, rinse mouth (if person is conscious) with plenty of water for several minutes and make the person drink water (two glasses at most).</p> <p>In case of skin or eye irritation, if breathing becomes difficult or feeling unwell or concerned, consult physician and show SDS.</p> <p>Consult the safety data sheet (SDS) for further information regarding hazards and safe handling practices. The SDS can be found on our website www.ucytech.com/products/additional.</p>

