



## ELISA Ancillary Products

Buffer A (LIM-1210), Buffer B 10X (LIM-1201), Buffer C 10X (LIM-1202), ELISA Buffer 20X (LIM-1206), Streptavidin-HRP (LIM-1203), TMB (LIM-1207), Stop Solution (LIM-1209)

REFERENCE	PRODUCT DESCRIPTION, STORAGE CONDITIONS AND USE
LIM-1210	<p><b>Buffer A</b></p> <p>75 mL of ready-to-use buffer of 0.1 M Carbonate/Bicarbonate, pH 9.6. Store unopened vial at 2-8°C. Stable for up to 30 days after opening when stored at 2-8 °C.</p>
LIM-1201	<p><b>Buffer B 10X</b></p> <p>100 mL of Buffer B concentrated 10 fold containing 1% BSA, 50 mM EDTA, 1% Tween 20, 10X PBS, 0.035% Proclin 300. Store unopened vial at 2-8°C. Stable for up to 30 days after opening when stored at 2-8 °C. Dilute 1:10 in ultra pure water before use (example : 50 mL Buffer B + 450 mL ultra pure water)</p>
LIM-1202	<p><b>Buffer C 1X</b></p> <p>10 mL of ready-to-use Buffer C containing 0.1% BSA, 5 mM EDTA, 0.1% Tween 20, 2.5 M NaCl, 1X PBS, 0.035% Proclin 300. Store unopened vial at 2-8°C. Stable for up to 30 days after opening when stored at 2-8 °C.</p>
LIM-1206	<p><b>ELISA Buffer 20X</b></p> <p>75 mL of ELISA Buffer concentrated 20 fold containing 100 mM EDTA, 2% Tween 20, 20X PBS, 0.035% Proclin 300. Store unopened vial at 2-8°C. Stable for up to 30 days after opening when stored at 2-8 °C. Dilute 1:20 in ultra pure water before use (example : 25 mL Buffer B + 475 mL ultra pure water).</p>
LIM-1203	<p><b>Streptavidin-HRP 1000X</b></p> <p>150 µL of streptavidin conjugated to horseradish peroxidase concentrated 1000 fold. Store unopened vial at 2-8°C. Stable for up to 3 months after opening when stored at 2-8 °C. Dilute 1:1000 in Buffer B (LIM-1201) (example : 12 µL streptavidin-HRP LIM-1203 + 12 mL Buffer B 1X). Always make fresh solution of diluted streptavidin-HRP for each ELISA, and incubate at room temperature protected from light.</p>

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<b>LIM-1207</b>	<b>TMB</b> 12 mL of ready-to-use solution of 3,3',5,5'-TetraMethylBenzidine. Store unopened vial at 2-8°C. Stable for up to 30 days after opening when stored at 2-8 °C. Do not freeze. Warm to room temperature before use. Add 100 µL/well of TMB solution to generate a blue colorimetric reaction with peroxidase. Incubate at room temperature, protected from light.
<b>LIM-1209</b>	<b>Stop Solution</b> 12 mL of ready-to-use 2N sulfuric acid. Store unopened vial at 2-8°C. Stable for up to 30 days after opening when stored at 2-8 °C. Add 100 µL/well of 2N sulfuric acid to stop the colorimetric reaction of horseradish peroxidase with the TMB substrate.  <i>Caution : Wear protective gloves, clothing and eye protection. Wash hands thoroughly after handling. Refer to the MSDS prior to use.</i>

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