

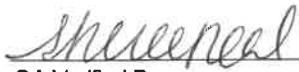
Certificate of Analysis

For Research Use Only
Not for Human or Animal Consumption

KPL SureBlue Reserve™ TMB Microwell Peroxidase Substrate (1-Component)

PART Code	5120-0082 (53-00-02)
Lot No.	10799612
SIZE	4 x 100 mL
DESCRIPTION	KPL SureBlue Reserve™ develops a deep blue soluble product when reacted with horseradish peroxidase labeled conjugates in microwell plates or tubes. KPL SureBlue Reserve™ provides more sensitivity compared to standard SureBlue TMB substrate. It is suitable for qualitative or quantitative microwell immunoassays and not recommended for membrane or immunohistochemical applications.
FORM/STORAGE	Liquid. Store refrigerated at 2-8°C. Do not freeze.
CONTENT	The one component system is supplied as 100 mL bottles, Lot No. 10771344 manufactured on 30 JUL 2025. KPL SureBlue Reserve™ TMB Microwell Peroxidase Substrate (1-Component) contains 3,3',5,5' tetramethylbenzidine in a mildly acidic buffer.
STABILITY	Product is stable for three years from date of manufacture when stored properly.
RECOMMENDED REDISPENSING	<p>KPL SureBlue Reserve™ TMB Microwell Peroxidase Substrate (1-Component) is extremely sensitive to certain handling and storage conditions. The following suggestions are provided to ensure success when redisensing this product:</p> <ul style="list-style-type: none"> • Avoid exposure to sunlight, air, and extreme temperatures; however, exposure to indirect laboratory lighting for 8 hours is not harmful. A pale blue color may become apparent after 4 – 5 hours of exposure to indirect laboratory lighting, but this will not affect product performance. • Never pipette directly from bottle. Pour out needed amount into a plastic reservoir. Do not return excess KPL SureBlue Reserve™ to the primary container. • Avoid exposure to silica-based materials including borosilicate glass, metals, bacterial contamination, or other oxidizing agents. • Do not refilter as this may destabilize the dye complex and result in the development of background color. • Redisperse into amber Nalgene HDPE and LDPE bottles ONLY. Do not redisperse into glass bottles as this may compromise substrate performance. • HDPE and LDPE bottles should be utilized as they are received directly from the manufacturer; washing of bottles is not recommended. • Redisperse substrate using Platinum Cured Silicone tubing and do not reuse tubing. Avoid redisensing with all other tubings. • Gravity fill or the use of a peristaltic pump is advised. • Avoid substrate contact with any metallic surfaces. • For further details concerning the redisensing of this product, please contact the Technical Service Department at 800-638-3167.

Approval:



QA Verified By



Date