ONCORE Pro Warp Red Chromogen Kit

Chromogen
902-OPRR6083K-122622

BIOCARE MEDICAL

Available Product Formats	
Catalog Number	Volume
OPRR6083KT60	60 Tests

Intended Use:
For Research Use Only. Not for use in diagnostic procedures.

Summary & Explanation:
Warp Red is a well-established chromogen used in IHC staining protocols that in the presence of an alkaline phosphatase (AP) enzyme, produces a bright fuchsin-red precipitate that is insoluble in organic solvents and can be coverslipped with a permanent mounting media. ONCORE Pro Warp Red Chromogen Kit contains two solutions: Warp Red Chromogen and the corresponding buffer. It is intended for use with an AP detection system in an IHC staining procedure on the ONCORE Pro Automated Slide Stainer in research applications.

Known Applications:
Immunohistochemistry (Formalin-fixed paraffin-embedded tissues)

Materials and Methods:
Reagents Provided:

Kit Catalog No.	Component Catalog No.	Component Description	Quantity x Volume
OPRR6083KT60	OPRR6084T60	ONCORE Pro Warp Red Chromogen	1 x 60 tests
	OPRR6085T60	ONCORE Pro Warp Red Buffer	1 x 60 tests

* Refer to the Biocare Medical website located at http://biocare.net for information regarding catalog numbers and ordering.

Supplied As:
ONCORE Pro Warp Red Chromogen – OPRR6084
Acidic solution with 1.0N Hydrochloric Acid. See Safety Data Sheet for additional details.

ONCORE Pro Warp Red Buffer – OPRR6085
Buffered solution, pH 8.75 – 8.95, less than 0.1% ProClin 950 preservative. See Safety Data Sheet for additional details.

Reconstitution, Dilution and Mixing:
The ONCORE Pro Warp Red Chromogen Kit is optimized for use with Biocare antibodies and ancillary reagents and do not require mixing before use on the ONCORE Pro Automated Slide Stainer.

Storage and Stability:
Store at 2ºC to 8ºC. The product is stable to the expiration date printed on the vial label when stored under these conditions. Do not use after expiration date. Storage under any condition other than those specified must be verified. The kit reagent(s) are ready-to-use and should not be diluted. The stability of user diluted reagent has not been established by Biocare.

Staining Protocol Recommendations:
The following programming and protocol recommendations are to assist the user when staining using Biocare's ONCORE Pro Automated Staining Platform for research applications. The user is responsible for further optimizations of the protocol.
Uncap the vials and place in the ONCORE Pro reagent tray. ONCORE Pro Warp Red Chromogen and ONCORE Pro Warp Red Buffer will be mixed on each individual slide at the appropriate time, according to the programmed staining protocol. Refer to the ONCORE Pro Automated Slide Staining System User Manual for detailed instructions on instrument operation and additional protocol options.

Limitations:
This product is provided for Research Use Only (RUO) and is not for use in diagnostic procedures. Suitability for specific applications may vary and it is the responsibility of the end user to determine the appropriate application for its use.

Precautions:
1. ONCORE Pro Warp Red Chromogen is mildly corrosive and may cause skin or eye irritation. Avoid contact with skin and eyes. If contact occurs, flush affected area with copious amounts of water. Seek medical attention if necessary.
2. ONCORE Pro Warp Red Buffer contains less than 0.05% ProClin 300 and/or less than 1% ProClin 950. Wear gloves and protective clothing and take reasonable precautions when handling as ProClin is classified as an irritant and may cause skin contact sensitization. Avoid contact with eyes, skin, and mucous membranes.
3. Handle materials of human or animal origin as potentially biohazardous and dispose such materials with proper precautions. In the event of exposure, follow the health directives of the responsible authorities where used.[1,2]
4. Specimens, before and after fixation, and all materials exposed to them should be handled as if capable of transmitting infection and disposed of with proper precautions. Never pipette reagents by mouth and avoid contacting the skin and mucous membranes with reagents and specimens. If reagents or specimens come into contact with sensitive areas, wash with copious amounts of water.[3]
5. Microbial contamination of reagents may result in an increase in nonspecific staining.
6. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change.
7. Do not use reagent after the expiration date printed on the vial.
8. The reagent is optimized for use with Biocare antibodies and ancillary reagents. Refer to the primary antibody and other ancillary reagent instructions for use for recommended protocols and conditions for use.
9. Follow local and/or state authority requirements for method of disposal.
10. The SDS is available upon request and is located at http://biocare.net.
11. Report any serious incidents related to this device by contacting the local Biocare representative and the applicable competent authority of the Member State or country where the user is located.

This chromogen kit contains components classified as indicated in the table below in accordance with the Regulation (EC) No. 1272/2008

Hazard	Code	Hazard Statement
	H317	May cause an allergic skin reaction
	H290 H314 H318 H335 H401	May be corrosive to metals Causes severe burns and eye damage Causes serious eye damage May cause respiratory irritation Toxic to aquatic life

Technical Support:
Contact Biocare's Technical Support at 1-800-542-2002 for questions regarding this product.

References:
1. Occupational Safety and Health Standards: Occupational exposure to hazardous chemicals in laboratories. (29 CFR Part 1910.1450). Fed. Register.
2. Directive 2000/54/EC of the European Parliament and Council of 18 September 2000 on the protection of workers from risks related to exposure to biological agents at work.
3. Clinical and Laboratory Standards Institute (CLSI). Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline-Fourth Edition CLSI document M29-A4 Wayne, PA 2014.

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