

## ONCORE PRO Heme FISH Kit

Post-hybridization Reagents for FISH Procedures on the ONCORE Pro Automated Slide Stainer

**Catalog Number:** OPHK-003

**Description:** 60 tests

### Intended Use:

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

### Summary & Explanation:

The ONCORE Pro Heme FISH Kit is engineered to simplify and automate FISH processing for hematology samples, including both peripheral blood and bone marrow. Designed for use with the ONCORE Pro automated staining system, this kit provides a complete reagent solution for consistent and efficient results. The kit includes Wash 1, Wash 2, PF SSC Wash Buffer, and DAPI with Antifade. These reagents are optimized for automated workflows and help ensure high-quality FISH signal and reliable fluorescence preservation.

### Known Applications:

Fluorescent *in situ* hybridization peripheral blood and bone marrow specimens

### Reagents Provided:

ONCORE Pro Heme FISH Kit is comprised of 4 solutions in pre-filled vials.

One kit is sufficient to perform 60 tests:

PF SSC Wash Buffer (OPRR6075 T6 x 1) 16 mL

ONCORE Pro Wash 1 (WASH1-016ML x 1) 16 mL

ONCORE Pro Wash 2 (WASH2-016ML x 2) 16 mL

DAPI (DAPI-OP x 1) 16 mL

### Materials and Reagents Required but Not Provided:

Reagents and materials, such as FISH probes and ancillary reagents are not provided. Call Technical Support for additional information on reagents and instrument accessories.

Reagents Required but Not Provided	
1.	FISH Probes
2.	ONCORE Pro Wash Buffer (Empire SKU: OPRI6012MM)

### Storage and Stability:

Store this kit at 2°C to 8°C. The product is stable to the expiration date printed on the label, when stored under these conditions. Do not use after expiration date.

### Instructions for Use:

CF SSC Wash Buffer, ONCORE Pro Wash 1, ONCORE Pro Wash 1 and DAPI are provided in vials ready for use on the ONCORE Pro Automated Slide Stainer. Uncap the vials and place in the ONCORE Pro reagent tray. The ONCORE Pro Automated Slide Stainer will apply reagent as required in the selected 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. Refer to reagent Safety Data Sheet for precautions.
2. 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 in contact with sensitive areas, wash with copious amounts of water. (3)
3. Microbial contamination of reagents may result in an increase in nonspecific staining.
4. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change.
5. Do not use reagent after the expiration date printed on the vial.

This FISH 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
	H315	Causes skin irritation
	H317	May cause an allergic skin reaction
	H319	Causes serious eye irritation
	H341	Suspected of causing genetic defects. May cause cancer.
	H350	May cause damage to organs (optical nerves, kidney) (oral).
	H371	May cause damage to organs (optical nerves, kidney) (oral).
	H303	May be harmful if swallowed
	H318	Causes serious eye damage

### Technical Support:

Contact Empire Technical Support at +1.800.715.5880 for questions regarding this product.

### References:

1. Analysis of genes and chromosomes by nonisotopic *in situ* hybridization. Lichter P, et al. Genet Anal Tech Appl. 1991 Feb;8(1):24-35.
2. Fluorescence *in situ* Hybridization (FISH). Bayani J, Squire JA. Curr Protoc Cell Biol. 2004.
3. Clinical and Laboratory Standards Institute (CLSI). Protection of Laboratory Workers from Occupationally Acquired Infections; Approved Guideline-Fourth Edition (M29-A4) Wayne, PA 2014.