

DATA SHEET
Hsa-miR-4723fluoresceinated oligo probe

Catalog No.
HM4723-100

Description
One vial of 0.650 ml of probe in hybridization buffer

Analyte Specific Reagent. Analytical and performance characteristics are not established.

Doc. No. 932-HM4723-100

Rev. C

Date of release: 11-Aug-2020

Description

The Hsa-miR-4723 probe has been designed from mature human miR-4723 sequence. This fluoresceinated probe is provided in a hybridization buffer for localization of miRNA in FFPE tissue by *In Situ* hybridization.

Specifications

The Hsa-miR-4723 identifies mature miR-4723 sequences in formalin-fixed, paraffin-embedded human tissues and/or freshly prepared frozen tissues by *in situ* hybridization. This probe does not react with normal human mRNA or nuclear DNA present in tissues.

Storage and Handling

Store the reagent at 2-8 °C. Do not freeze. Do not use the reagent after expiration date on vial. The reagent must be brought to room temperature before use. (Important! The presence of precipitates induces background staining).

Precautions:

For professional use. The probe contains formamide. Formamide is classified as a teratogen. Pregnant workers should keep exposure to a minimum. Avoid inhalation, ingestion, and contact with unprotected skin. If skin contact occurs, wash thoroughly with soap and water. For more information, refer to the Material Safety Data Sheet, which is available upon request.

Quality Control

Each lot of this miRNA probe is tested by *In Situ* hybridization for Quality Control purposes. Refer to the BioGenex Quality Control Testing Conditions table for additional information.

References

1. Persson H, Kvist A, Rego N, Staaf J, Vallon-Christersson J, et al. (2011) Identification of new microRNAs in paired normal and tumor breast tissue suggests a dual role for the ERBB2/Her2 gene. *Cancer Res* 71: 78–86.
2. Arora S, Saini S, Fukuhara S, Majid S, Shahryari V, Yamamura S, Chiyomaru T, Deng G, Tanaka Y, Dahiya R (2013) MicroRNA-4723 inhibits prostate cancer growth through inactivation of the Abelson family of nonreceptor protein tyrosine kinases. *PLoS One*. 2013 Nov 1;8(11):e78023

BioGenex Quality Control Testing Conditions

Parameter	Conditions used
Control Tissue	TCC (FB-HM4723)
Tissue Type	Formalin-fixed, paraffin-embedded cancer tissues