

DATA SHEET
Hsa-miR-874 fluoresceinated oligo probe

Catalog No.
HM874-100

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-HM874-100

Rev. C

Date of release: 05-Aug-2024

Description

The Hsa-miR-874 probe has been designed from mature human miR-874 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-874 identifies mature miR-874 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. Ali Sheikh MS, Xia K, Li F, Deng X, Salma U, Deng H, Wei Wei L, Yang TL, Peng J (2015) Circulating miR-765 and miR-149: potential noninvasive diagnostic biomarkers for geriatric coronary artery disease patients. *Biomed Res Int.* 2015; 2015:740301
2. J. B. Redell, A. N. Moore, N. H. Ward, G. W. Hergenroeder, and P. K. Dash,(2010) “Human traumatic brain injury alters plasma microrna levels,” *Journal of Neurotrauma*, vol. 27, no. 12, pp. 2147–2156
3. H. Gu, H. Li, L. Zhang et al.,(2012) “Diagnostic role of microRNA expression profile in the serum of pregnant women with fetuses,with neural tube defects,” *Journal of Neurochemistry*, vol. 122, no. 3, pp. 641–649.

BioGenex Quality Control Testing Conditions

Parameter	Conditions used
Control Tissue	Normal Intestine (FB-HM874)
Tissue Type	Formalin-fixed, paraffin-embedded cancer tissues