

# Product Data Sheet



Quality in Control

**PRODUCT NAME:** ROS1 Analyte Control

**PRODUCT CODE:** HCL022 (2 unstained slides)  
HCL023 (5 unstained slides)

**INTENDED USE:** Research Use Only (RUO)

N.B. Once validated in the laboratory, this product is designed to confer confidence in results obtained from the sample on the same slide. If the control has worked appropriately then the assay has worked and any staining, or lack thereof, present within the sample is genuine. This material cannot be used independently as a means of optimising assays in the laboratory.

**STORAGE:** 2-8°C

**DESCRIPTION:** Each control slide includes 2 control cell line cores of a 2mm diameter:

Cell line A: Negative for ROS1 fusion by immunohistochemistry (IHC) and fluorescence in situ hybridization (FISH)

Cell line B: Positive for ROS1 fusion by immunohistochemistry (IHC) and fluorescence in situ hybridization (FISH)

Fixative: 10% Neutral Buffered Formalin

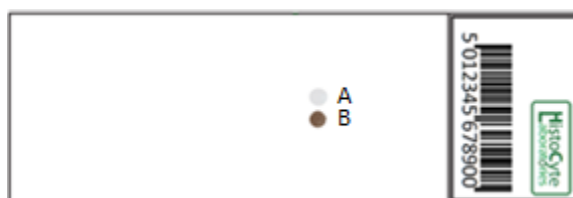
Embedding: In paraffin wax

Section Thickness: 4µm

Mounting: Mounted on positively charged slides and dried at 37°C overnight

N.B. While HistoCyte Laboratories Ltd has made every effort to assess these analyte controls with a variety of assays available on the market, it is the responsibility of the end user to determine suitability with their reagents and procedures within their laboratory.

## EXPRESSION PROFILE:



Product is designed to be used as same-slide controls.

Cell Lines	IHC for ROS1	FISH for ROS1 translocation†
A	Negative	Presence of non-split signals
B	Strong cytoplasmic staining	Presence of split signals

\*As assessed with Cell Signaling Technologies Inc anti-ROS1 clone D4D6 on the Ventana/Roche Benchmark Ultra with Optiview detection. †Agilent SureFISH ROS1 Break Apart FISH Probe Kit and Kretech Diagnostics ROS1 (6q22) Break – XL (Leica Biosystems)

For more information, contact [info@histocyte.com](mailto:info@histocyte.com) or visit our website [www.histocyte.com](http://www.histocyte.com).