

Breast Analyte Control^{DR}

Cell line controls for immunohistochemistry and in situ hybridization.

Research Use Only

PRODUCT AVAILABILITY

| Product Code | Product Description |
|--------------|--------------------------|
| HCL016 | X2 Cut slides |
| HCL017 | X5 Cut slides |
| HCL018 | X1 Cell microarray block |

APPLICATION

This product is suitable for use in immunohistochemistry and in situ hybridization.

MATERIALS

Five formalin fixed paraffin embedded cell lines with a dynamic range (DR) of expression for a variety of biomarkers.

Cell line A: Osteosarcoma

Cell line B: Breast ductal carcinoma

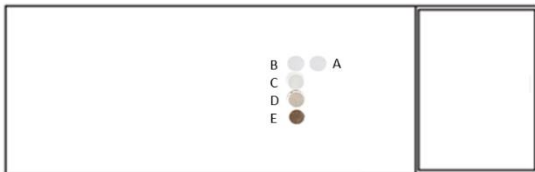
Cell line C: Breast ductal carcinoma

Cell line D: Breast ductal carcinoma

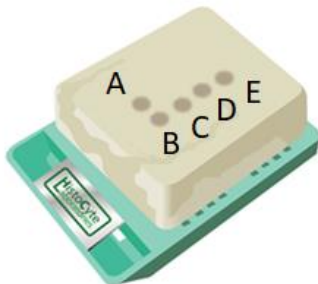
Cell line E: Breast ductal carcinoma

Cells are fixed in 10% neutral buffered formalin and paraffin wax embedded.

Sections are cut at 4µm, mounted on positively charged slides and baked overnight at 37°C.



Cell microarrays (CMA) contain cores that are 1.5-2mm in diameter and 3-3.5mm in length. It is possible to obtain over 300 sections depending on thickness.



Expression Profile

| Cell Line | Estrogen receptor protein | Progesterone receptor protein | HER2 protein | HER2 Gene |
|-----------|---------------------------|-------------------------------|--------------|---------------|
| A | Negative | Negative | 0 | Non-amplified |
| B | High Positive | Moderate Positive | 0 | Non-amplified |
| C | Moderate-High Positive | High Positive | 1+ | Non-amplified |
| D | Moderate-High Positive | Moderate-High Positive | 1+ | Non-amplified |
| E | Moderate-High Positive | Moderate-High Positive | 3+ | Amplified |

Storage and Handling

Store at 2-8°C. Do not freeze (for expiration date please see the product label)

WARNINGS AND PRECAUTIONS

1. The product is intended for research use only.
2. It is the responsibility of the end user to determine suitability with their reagents and procedures within their laboratory.
3. Do not use after expiration date printed on product labels. The user must validate any storage conditions other than those specified in the package insert.

TROUBLE SHOOTING

For further help please feel free to contact HistoCyte Laboratories Ltd at info@histocyte.com or call +44 (0)191 603 1007.



For updates and additional product information please visit: www.HistoCyte.com