# Product sheet

## EFM-19 | 305540

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|---|---|
| **Description** | EFM-19 ER+ RNA EFM-19 RNA pNR-1 pNR-2 pNR-25 pNR-100 RNA pNR-100 3 EFM-19 MCF-7 |
| **Organism** | |
| **Tissue** | |
| **Disease** | |
| **Metastatic site** | |
| **Synonyms** | EFM19 |
| **Age** | 50 |
| **Gender** | |
| **Morphology** | |
| **Growth properties** | |
| **Citation** | EFM-19 Cytion 305540 |
| **Biosafety level** | 1 |
| **NCBI_TaxID** | 9606 |
| **CellosaurusAccession** | CVCL_0253 |

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|---|---|
| **Antigen expression** | HER2 ER++ AR++ PR++ |
| **Mutational profile** | PIK3CA p.His1047Leu (c.3140A>T) TP53 p.His193Arg (c.578A>G) |
| **Culture Medium** | RPMI 1640 w 2.0 mM w 2.0 g/L NaHCO3 Cytion 820700a |
| **Supplements** | 20% FBS |
| **Dissociation Reagent** | Accutase |
| **Subculturing** | PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5 |
| **Seeding density** | 4-6×$10^4$/$cm^2$ |
| **Fluid renewal** | 2 |
| **Freeze medium** | FBS +10% DMSO CM-1 Cytion 800100 CM-1 Cytion 800100 |

**Thawing and Culturing Cells**

1.
2. -150°C 3
3. 37°C 40-60
4. 70%
5. 8 15
6. 300 x g 3
7. 10 T25 T25
8.

**Incubation Atmosphere** 37°C, 5% $_{CO2}$,

**Shipping Conditions** -78 °C

**Storage Conditions** -150 -196 -80 °C

**Sterility** PCR