

## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** A32340H **Lot #:** 1126622

**Description:** Cyfra-21-1 Antigen  
Cyfra-21-1, Cytokeratin 19 Fragment, Low Cross-Reactivity (LCR)  
Calibrator Grade

Known Contaminants:

Elecsys CA125 Assay = 1276 Units/mL (1.7%)  
Elecsys CA15-3 Assay = 9.84 Units/mL (0.01%)  
Elecsys CA19-9 Assay = 2.44 Units/mL (0.003%)

**Source:** MCF-7 Cell Supernatant

**Format:** Calibrator Grade, Liquid

**Purification:** Ion-Exchange Chromatography  
Product is 0.2 µm filtered.

**Concentration:** Specific Protein: 0.076 mg/mL (Cytokeratin 19 Ag)  
Total Protein: 2970 OD280 Units

**Buffer:** Phosphate Buffered Saline, pH 7.4 ± 0.1

**Preservative:** None

**Applications:** Suitable for use in Chemiluminescent Immunoassay. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Short-term store at 2–8°C. Long term store at -20°C. Avoid multiple/freeze thaw cycles.

**Inactivation:** Not Applicable

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



26 Sep 2022

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**