

# MOLECULES TO LIFE



## MON. ECD KIT

### Content

Vial A: 1.0 mg bicusate dihydrochloride (Ethyl cysteinatate dimer=ECD)

Vial B: (Buffer solution): 3.75 mg disodium hydrogen phosphate dihydrate and 0.5 mg sodium dihydrogen phosphate dihydrate solution

### Description

Mon.ECD KIT consists of two vials, one of them contains lyophilised powder and the other one contains buffer solution. It is not administered to the patients directly. Radiopharmaceutical product ( $^{99m}\text{Tc}$ -ECD= $^{99m}\text{Tc}$ -Bicusate) which is obtained after labelling with ( $^{99m}\text{Tc}$ ) Sodium pertechnetate solution is administered to the patients intravenously.  $^{99m}\text{Tc}$ -ECD is used in Nuclear Medicine for the evaluation of regional cerebral perfusion anomalies for the adult patients having central nervous system disease.

### Shelf Life

**MON.ECD KIT** (Vial A: ECD lyophilised powder and Vial B: Buffer solution): 18 months

**$^{99m}\text{Tc}$ -ECD solution:** 6 hours

### Storage

**MON.ECD KIT:** In its original package, in room temperature below 25 °C, protected from light

**$^{99m}\text{Tc}$ -ECD solution:** In room temperature below 25 °C, in lead shielded

### Packaging

In cardboard box, Type I glass vial with bromobutyl rubber stopper and aluminum cap

### Disposal of Waste Materials

Any unused product or waste material should be disposed of in accordance with local requirements.



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