

NTA Reagent Kit

Tech Guide



Relevant Products:

NTA-RK

Sensors Compatible:

NTA Sensors

Recommended storage

4-20 °C

Overview

The NTA Reagent Kit is recommended for use with the NTA Sensors. It provides the NiCl_2 needed for surface activation, along with the EDTA and imidazole used to disrupt His- Ni^{2+} -NTA bonds for surface cleaning and regeneration.

Kit Preparation Procedures

Preparation of NiCl_2 Stock Solution

1. Dissolve the provided NiCl_2 into 20 mL of deionized water. This will produce a 40 mM NiCl_2 solution
2. Store the NiCl_2 solution at 4°C.

Preparation of Imidazole Stock Solution

1. Dissolve the provided imidazole into 8 mL of deionized water. This will produce a 500 mM imidazole solution.
2. Store the imidazole solution at 4°C.

Kit Contents

NTA-RK

NiCl_2 powder (1 tube)
Imidazole powder (1 tube)
350 mM EDTA (20 mL in bottle)

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Have Questions? Contact a Customer Success Scientist:

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