

NTA Reagent Kit

Tech Guide



Relevant products:	NTA Reagent Kit (NTA-RK)
For use with:	NTA Sensors, High Sensitivity NTA Sensors

Recommended storage	4-20 °C
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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 imidazole used to disrupt His-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 20 mL of deionized water. This will produce a 200 mM imidazole solution.
2. Store the imidazole solution at 4°C.

Kit Contents

NTA-RK

Reagents for 10+ reactions

NiCl_2 powder (1 tube)

Imidazole powder (1 tube)