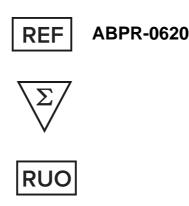
# CD Creative Diagnostics®



**User's Manual** 

## Human NKX2-5 ELISA Matched Antibody Pair



This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

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### **PRODUCT INFORMATION**

#### **Intended Use**

This antibody pair set comes with matched antibody pair to detect and quantify protein level of human NKX2-5.

#### **General Description**

This gene encodes a homeobox-containing transcription factor. This transcription factor functions in heart formation and development. Mutations in this gene cause atrial septal defect with atrioventricular conduction defect, and also tetralogy of Fallot, which are both heart malformation diseases. Mutations in this gene can also cause congenital hypothyroidism non-goitrous type 5, a non-autoimmune condition. Alternative splicing results in multiple transcript variants.

#### **Reagents And Materials Provided**

Antibody pair set content:

- 1. Capture antibody: Magic<sup>™</sup> rabbit affinity purified polyclonal anti-NKX2-5 (100 μg)
- 2. Detection antibody: mouse monoclonal anti-NKX2-5, IgG1 Kappa (20 µg)

Note: Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

#### **Reconstitution And Storage**

Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.