TNF-α GoStix™ Plus

Catalog No(s.)  | Amount  | Lot Number       
----------------|---------|------------------
631287          | 20 tests| Specified on product label. 
631288          | 50 tests| Specified on product label. 

Description
TNF-α GoStix Plus are designed to quantify the levels of human TNF-α in cell culture supernatant or serum samples in just 10 minutes from 20 µl of input material, providing accuracy and consistency comparable to an ELISA in a fraction of the time. Following sample application to the GoStix cassette and a brief incubation period, quantification is performed by scanning test and control bands on the cassette using the GoStix Plus smartphone app, which references a lot-specific standard curve to deliver assay results in pg/ml. The included TNF-α Control allows for confirmation of TNF-α GoStix Plus functionality. Visit takarabio.com/gostixhelp for more information about GoStix assays and additional guidance on how to download and use the smartphone app.

Package Contents
631287 (20 tests):
• 20 x TNF-α GoStix Plus (1 test each)
• 2 x TNF-α Chase Buffer (3 ml/vial)
• 1 x TNF-α Control (5 tests/vial)

631288 (50 tests):
• 50 x TNF-α GoStix Plus (1 test each)
• 4 x TNF-α Chase Buffer (3 ml/vial)
• 1 x TNF-α Control (5 tests/vial)

Storage Conditions
• Store all components at room temperature upon receipt.
• After reconstitution of the TNF-α Control, it can be stored at 4°C for up to 1 week. For extended storage, prepare aliquots to store at –20°C and avoid repeated freeze-thaw cycles.
• 1 year from date of receipt under proper storage conditions.

Shipping Conditions
• Room temperature

Product Documents
Documents for our products are available for download at takarabio.com/manuals
The following documents apply to this product:
• Cytokine GoStix Plus Protocol-at-a-Glance

Assay Range
• 5.0 ng/ml to 80 ng/ml
**Certificate of Analysis**

**TNF-α GoStix Plus**

**Calibration**
This assay was calibrated against human recombinant TNF-α protein. To convert results obtained with this assay (pg/ml) to relative approximate NIBSC units (IU/ml) for reference standard 12/154, multiply assay results by 0.027.

**Quality Control Data**
TNF-α GoStix Plus were tested in triplicate with a dilution series of recombinant TNF-α control protein, and samples were read using the GoStix Plus app on both iOS and Android platforms to establish the linearity of the assay (>0.97).

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.
Notice to Purchaser

TNF-alpha GoStix™ Plus

CATALOG NO.
631287, 631288

NOTICE TO PURCHASER:

Our products are to be used for Research Use Only. They may not be used for any other purpose, including, but not limited to, use in humans, therapeutic or diagnostic use, or commercial use of any kind. Our products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products or to provide a service to third parties without our prior written approval.

Your use of this product is also subject to compliance with the licensing requirements, listed below if applicable, and described on the product’s web page at http://www.takarabio.com. It is your responsibility to review, understand and adhere to any restrictions imposed by these statements.

TRADEMARKS:

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<thead>
<tr>
<th>United States/Canada</th>
<th>Asia Pacific</th>
<th>Europe</th>
<th>Japan</th>
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</thead>
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