

Certificate of Analysis

IL-6 GoStix™ Plus

Catalog No(s).	Amount	Lot Number
631299	20 tests	Specified on product label.

Description

IL-6 GoStix Plus are designed to quantify the levels of human IL-6 in cell culture supernatant or plasma samples in just 10 minutes from 20 µl of input material, providing accuracy, consistency, and sensitivity comparable to an ELISA assay 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 IL-6 Control allows for confirmation of IL-6 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

631299 (20 tests):

- 20 x IL-6 GoStix Plus (1 test each)
- 2 x IL-6 Chase Buffer (3 ml/vial)
- 1 x IL-6 Control (5 tests/vial)

Storage Conditions

- Store all components at room temperature upon receipt.
- After reconstitution of the IL-6 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.

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Shipping Conditions

- Room temperature

Assay Range

- 3.1 ng/ml to 50 ng/ml

Calibration

This assay was calibrated against human recombinant IL-6 protein. Results obtained with this assay (pg/ml) can be converted to relative approximate NIBSC units (IU/ml). For reference standard 89/548, multiply assay results by 0.123.

Takara Bio USA, Inc.

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Product Documents

Documents for our products are available for download at [takarabio.com/manuals](https://www.takarabio.com/manuals)

The following documents apply to this product:

- Cytokine GoStix Plus Protocol-at-a-Glance

Quality Control Data

IL-6 GoStix Plus were tested in triplicate with a dilution series of recombinant IL-6 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.

IL-6 GoStix™ Plus

CATALOG NO.

631299

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.

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