### Multiple Test Parameters

#### High Throughput

- **28 tests**
- **3 tests**
- **128 tests/hour**

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### FujiFilm DRI-CHEM SLIDE

- **Colorimetric method**
- **Potentiometric method**

#### Ingredients needed for the reaction and other functional components:

- **Composition of multilayered analytical film**
  - **Sample (10µL)**
  - **Spectrophotometer**
  - **Fujifilm DRI-CHEM SLIDE**
  - **Reflection layer**
  - **Spreading layer**
  - **Bridge**
  - **Sample (50µL)**
  - **Potentiometer**

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### Main specifications DRI-CHEM NX500 Series

- **Parameters**
  - **Operating humidity**
  - **Operating temperature**
  - **Weight**
  - **Electrical requirements**
  - **Sample volume**
  - **Sample type**
  - **Measurement time**
  - **Number of incubator cell**
  - **Number of sample rack**
  - **Throughput**
  - **Measurement test**

#### Electrolytes

- **Electrolytes**
  - 50µL/3 tests (Na-K-Cl), CRP 5µL/test
  - Colorimetry 10µL/test, Plasma, Serum, Whole blood*
  - Electrolytes 1 minute/3 tests (Na-K-Cl)

#### Test Parameters

- **Combined 128 test/hour**
- **Colorimetry 120 test/hour**
- **Electrolytes 3 tests**

#### Parameters

- **GOT/AST**
- **ALB/GLOB**
- **BUN/CRE**
- **GPT/ALT**
- **LDL Cholesterol**
- **Calculated Parameter**
  - **Albumin/Globulin ratio**
  - **Globulin**
  - **HDL Cholesterol**
  - **LDL Cholesterol**

#### Measurement Ranges

- **Unit (A)**: mg/dL or mmol/L
- **Unit (B)**: mEq/L or mmol/L

#### Indication

- **Unit (A)**
- **Unit (B)**

- **Indication Unit Equation**

#### Measurement Ranges

- **0.3 ~ 7.0 mg/dL**
- **50 ~ 175 mmol/L**
- **1.0 ~ 14.0 mEq/L**
- **0.5 ~ 18.0 mg/dL**
- **2.0 ~ 11.0 g/dL**
- **10 ~ 500 mg/dL**
- **5 ~ 40 mmol/L**
- **0.2 ~ 30.0 mg/dL**
- **0.5 ~ 15.0 mg/dL**
- **10 ~ 110 mg/dL**
- **10 ~ 600 mg/dL**
- **0.1 ~ 16.0 mg/dL**
- **0.2 ~ 24.0 mg/dL**
- **4.0 ~ 16.0 mg/dL**
- **5.0 ~ 140.0 mg/dL**
- **1.0 ~ 6.0 g/dL**
- **20 ~ 1000 U/L**
- **10 ~ 500 U/L**
- **10 ~ 1000 U/L**
- **10 ~ 1000 U/L**
- **10 ~ 2000 U/L**
- **5 ~ 500 U/L**
- **10 ~ 1800 U/L**
- **50 ~ 3500 U/L**

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Please contact your local distributor for availability.
DRI-CHEM is a dry chemistry analyzer which can perform multiple test parameters of Clinical Chemistry. It has a built-in auto-pipetting system, requires no calibration and no water, providing easy preparation and maintenance. The new DRI-CHEM NX500 delivers results using a single 3-step procedure. With its quick, easy-operation and compactness, “Real Time and Borderless” Clinical Chemistry is made possible.

**Simple 3-step procedure**

1. Set the slide (Dry Slide Reagents)
2. Set the sample
3. Press START

Information of the parameter is incorporated in the bar code printed on the back of every slide.

DRI-CHEM NX500

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**Multiple Test Parameters High Throughput**

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- **3 tests**
- **128 tests/hour**

**Composition of multilayered film electrode**

- **Reference fluid**
- **Cl**
- **K**
- **Na**

Each slide comes with an ion selective film electrode for each of Na, K, and Cl. Slides quantify electrolytes in the sample by a potentiometric method.

**Fujifilm DRI-CHEM SLIDE**

- **Colorimetry slide**
- **Potentiometric method slide**

This multilayered slide is composed of dry chemical ingredients needed for the reaction and other functional materials. It quantifies enzymes and chemicals using a colorimetric method.

Each slide comes with an ion selective film electrode for each of Na, K, and Cl. Slides quantify electrolytes in the sample by a potentiometric method.

- **Front**
- **Back**

The multilayered slide is composed of dry chemical ingredients needed for the reaction and other functional materials. It quantifies enzymes and chemicals using a colorimetric method.

- **Front**
- **Back**

The multilayered slide is composed of dry chemical ingredients needed for the reaction and other functional materials. It quantifies enzymes and chemicals using a colorimetric method.

- **Colorimetry slide**
- **Potentiometric method slide**

The multilayered slide is composed of dry chemical ingredients needed for the reaction and other functional materials. It quantifies enzymes and chemicals using a colorimetric method.
A New Generation of Clinical Chemistry
Safety and Simplicity in Operation, Compactness, Diversity in Tests… ALL in ONE

Easy operation by touch screen
1. Set the slide (Dry Slide Reagents) 2. Set the sample 3. Press START.

No pre-treatment of sample required
The NX500 analyzer can provide results for commonly used parameters. The analyzer internal calculation for commonly used parameters.

Automatic dilution
Dilution, a time consuming process, is also automated in FUJI DRI-CHEM (U/L).

No calibration required * QC card system
A magnetic card called a QC card will adjust the lot variability in the slide reagents. A QC card comes with every reagent box. The analyzer recognizes the card and provides adjustment information once a QC card is inserted. No need for external calibration.

A range of sample tubes can be used
Blood Collection Tubes (13~16mm Hg)
FUJI HEPARIN TUBE (14~16mm)
FUJI VACUTAINER TUBE (13~16mm)
FUJI VACUTAINER TUBE (21~23mm)

Minimize the risk of biological hazard
A range of sample tubes can be used.

Accurate and reliable test results from long term and field-proven technology & experience
The FUJI DRI-CHEM slide reagent has high reliability and reliability brought by the internal technology validated through the long history of FUJIFILM in photographic film manufacturing.

Having a long history, field-proven technology & experience through the long history of FUJIFILM in photographic film manufacturing.