



WHY WAIT for test results?

Vitamin D TSH / Free T4



FRENDS™ System

- Quantitative test results within 4 min.
- High patient satisfaction with fast results
- Easy operation
- No maintenance required

FREND™ System

Accurate, automated testing procedure– simple 3 steps operation
No need to batch your sample– run when you are ready

- External controls: two level liquid controls
- Electronic code chip calibration – no need to run liquid
- Daily electronic system Quality Control – takes only 1.5 minutes



Test procedure



Specification

FREND™ TSH

Assay method	Fluorescent immunoassay
Analytical measurement range	0.06 ~ 25 mIU/L
Sample type	Plasma or Serum
Sample volume	35 µL
Limit of detection	0.06 mIU/L
Reaction time	Max 4 minutes
Pretreatment method	N/A
1 box	25 tests
Storage condition	2 °C ~ 8 °C
Shelf life	12 months

FREND™ Vitamin D

Assay method	Fluorescent immunoassay
Analytical measurement range	10 ~ 110 ng/mL
Sample type	Plasma or Serum
Sample volume	35 µL
Limit of detection	10 ng/mL
Reaction time	Max 4 minutes*
Pretreatment method	Heat block (10 min.)
1 box	20 tests
Storage condition	2 °C ~ 8 °C
Shelf life	12 months

* Total assay time depends on pretreatment procedure.

FREND™ Free T4

Assay method	Fluorescent immunoassay
Analytical measurement range	0.4~6.0 ng/dL
Sample type	Plasma or Serum
Sample volume	35 µL
Limit of detection	0.4 ng/dL
Reaction time	Max 4 minutes*
Pretreatment method	Heat block (5 min.)
1 box	20 tests
Storage condition	2 °C ~ 8 °C
Shelf life	12 months

* Total assay time depends on pretreatment procedure.

Ordering information

FREND™ System	Cat# F10
FREND™ TSH	Cat# FRTS 025
FREND™ Vitamin D	Cat# FRVD 020
FREND™ Free T4	Cat# FRT4 020



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