

Empower Thrombosis disease diagnostic in efficient & simple way.

Horiba Medical is proud to announce the availability of D-Dimers reagent on his Hemostasis semi-automatic range Yumizen G200 & Yumizen G400.

The D-dimer parameter is a key parameter and reference exclusion test for the diagnostic of deep vein thrombosis or pulmonary embolism, as an help for the diagnostic of Disseminated Intravascular Coagulation.

The unique combination of Immuno-turbidimetric measurement capability of Yumizen semi automatic range and precalibrated D-Dimer reagent provides an unique offer to your laboratory.

- **Unique configuration making it easy to use :**

Pre-calibrated / Liquid format / Automatic configuration by barcode scan :
Ready to run in simple steps

- **cost efficient :**

No calibrator need
High stability with adapted packaging (50 tests per vial / 2 weeks stability)

- **High performances :**

NPV 99%*
No hook effect until 25 µg FEU/ml
Slope check and post dilution possibility **
Linearity 0.22-4 µg FEU/ml
Cut off : 0.5 µg FEU/ml



D-Dimers reagents are also available for our Full automatic hemostasis systems (Yumizen G800, G1500 & G1550).

(*value determined on full automatic Yumizen G systems)

(**from software version 2.02 for Yumizen G200, 2.06 for Yumizen G400)

Yumizen G D-Dimer 2 Cat. No.: 1300036391

Method :

Particle enhanced immunoturbidimetric Test (DO measurement at 570 nm)

Packaging :

3 x 6.5 ml Buffer (nickel sulfate and preservative)

3 x 2.5 ml Latex (latex particle coated with monoclonal anti-human D-dimer antibody)

165 tests/reagent kit

55 tests/vial (Could vary depending of Yumizen G analyzer used)

Calibration :

Predetermined Calibration Curve provided (Data entered by barcode)

Stability :

Stability after opening in the original vials of 2 weeks

Specifications :

Limit of Detection (LoD): 0.22 µg FEU/mL * *(on Yumizen G1550)

Measuring Range: 0.22-4.0 µg FEU/mL

High dose Hook Effect: No high dose Hook effect observed up to concentration of 25 µg FEU/mL.

Negative Predictive Value (NPV):

NPV ≥ 95%. The NPV was 99% in a clinical multicenter study on 162 samples.

Precision

	Intra-Assay		Inter-Assay	
Sample	1	2	3	4
n	20	20	10	10
Mean (µg FEU/mL)	0,609	2,910	0,602	2,883
CV (%)	6,444	4,202	3,475	3,953

Additional Materials required :

Yumizen G CTRL DDi I & II; Cat. No.: 1300036414.

Yumizen G IMIDAZOL (Dilution Buffer); Cat. No.: 1300036385.

Known limitations :

No interferences detected until a concentration of Rheumatoid factor of 50 IU/mL.

The antibody does not cross-react with fibrinogen and E fragment.

A low cross-reactivity is observed with the D fragment and the high molecular weight fragments, fibrin X and Y.

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Operating IMS

