

# MULTICAREIN

**3 in 1 POCT**  
**MONITORING KADAR GULA, TRIGLISERIDA,**  
**KOLESTEROL MANDIRI, CEPAT & AKURAT**










KEMENKES RI AKL 20101715365 (Alat)  
KEMENKES RI AKL 20101715364 (Strip Glukosa)  
KEMENKES RI AKL 20101916606 (Strip Kolesterol)  
KEMENKES RI AKL 20101917635 (Strip Trigliserida)

\*Gambar hanyalah ilustrasi dengan AI. Tidak menggambarkan alat sesungguhnya



**SEGERA HADIR**  
**MULTICAREIN PRO**

Importir dan Distributor Resmi:  
**PT ISOTEKINDO INTERTAMA**

 Jl. Raya Kebayoran Lama 309-C, Jakarta Selatan, DKI Jakarta, 12210 |  (021) 5305073-74 |  0811.171.0055  
 info@isotekindo.co.id |  www.isotekindo.co.id |  isotekindo intertama |    @isotekindo



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# SPESIFIKASI

Parameter	Keterangan
Kisaran Uji	10-600 mg/dL ( 0,6-33,3 mmol/L) glukosa 130-400 mg/dL ( 3,3-10,2 mmol/L) kolesterol 50-500 mg/dL ( 0,56-5,6 mmol/L) trigliserida
Baterai	2 CR2032 3V <i>Lithium coin cell battery</i>
Layar	LCD
Memori	500 data dengan tanggal dan waktu
Suhu	10°C – 40°C
Kelembapan	0% – 90%
Dimensi	97 x 49 x 20,5 mm
Berat	65 g (termasuk baterai)
Material QC	Tersedia
Daya tahan baterai	1000 tes penggunaan
Output Data	Port USB, Software/Bluetooth

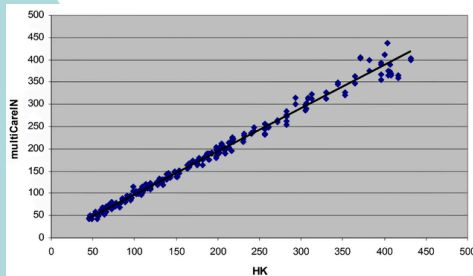
# FITUR DAN MANFAAT

-  3 in 1 Parameter, Praktis & Efisien
-  Waktu Periksa Singkat  
(Glukosa 5 detik; Kolesterol & Trigliserida 30-60 detik)
-  Dilengkapi Ejektor Strip
-  *Adjustable*  
(jenis kelamin & kondisi sebelum/sesudah makan)
-  Terstandarisasi ISO 15197: 2015
-  *Compact & portable*
-  500 Memori

# PERFORMA AKURASI Dengan standar ISO/DIS 15197:2003

## Glukosa

### Accuracy Multicare IN System Glucose



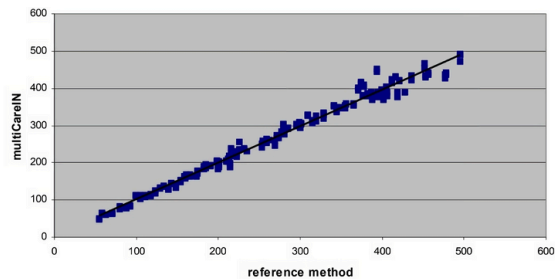
$$y = 0.967x + 1.307$$

$$R^2 = 0.9873$$

$$N = 232$$

## Trigliserida

### Accuracy Multicare IN System Triglycerides



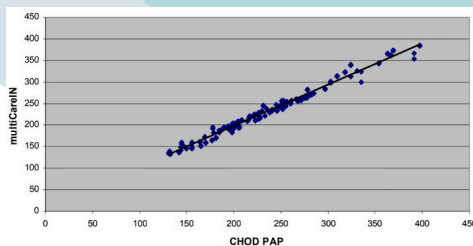
$$y = 0.9814x + 3.8374$$

$$R^2 = 0.9838$$

$$N = 200$$

## Kolesterol

### Accuracy Multicare IN System Total Cholesterol



$$y^2 = 0.9599x + 5.4277$$

$$R = 0.982$$

$$N = 200$$

#### Accuracy results for glucose concentration < 75 mg/dl (<4.2mmol/l)

Within ± 5mg/dl (± 0.28 mmol/l)	Within ± 10mg/dl (± 0.56 mmol/l)	Within ± 15mg/dl (± 0.83 mmol/l)
20/32 (62.5%)	30/32 (93.75%)	32/32 (100%)

#### Accuracy results for glucose concentration > 75 mg/dl (>=4.2mmol/l)

Within ± 5%	Within ± 10%	Within ± 15%	Within ± 20%
137/200 (68.5%)	189/200 (94.5%)	198/200 (99%)	200/200 (100%)

#### Accuracy results for cholesterol concentration

Within ± 5%	Within ± 10%	Within ± 15%
157/195 (80.5%)	194/195 (99.4%)	195/195 (100%)

#### Accuracy results for triglycerides concentration

Within ± 5%	Within ± 10%	Within ± 15%	Within ± 20%
146/200 (73.0%)	183/196 (91.5%)	198/196 (99%)	198/198 (100%)

## Kesimpulan:

Lebih dari 95% hasil pengukuran menggunakan Multicare IN, memiliki tingkat kesalahan (*error*) dalam rentang +/-15% jika dibandingkan dengan metode referensi. Akurasi ini berlaku untuk ketiga analit yang diuji. Artinya, hasil pengukuran menggunakan Multicare IN "*comparable*" dengan metode referensi.

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