



DIAminiLAB

>>> POINT OF CARE TESTING

FIELDS OF APPLICATION

DIAmiLAB is a complete mobile laboratory in a portable case which contains all necessary equipment and accessories for on-site testing. It is applicable in various fields of diagnostics. 2 different photometers are available for a wide range of tests.

Emergency – Monitoring – Prevention – Therapy

General medical practice

Neonatology and gynaecological practices

Blood and EPO doping control

Horse and camel racing

Sports medicine

General veterinary medicine

Preventive medicine

Disaster and emergency rescue

Military field operations

Disaster and emergency rescue





TEST PARAMETERS & PHOTOMETERS

Photometer DP 300 (520/546 nm)		Photometer DP 310 (520/365 nm)	
Alcohol	Haematocrit	CRP	Haemoglobin
Bilirubin	Haemoglobin	CK, CK-MB	GOT (AST)
Bilirubin neonatal	Iron	Cholesterol	GPT (ALT)
Cholesterol	Lactate	HDL-Cholesterol	Lactate
HDL-Cholesterol	Magnesium	LDL-Cholesterol	Magnesium
LDL-Cholesterol	Protein	Creatinine	Protein
Creatinine	Triglycerides	Erythrocytes	Triglycerides
Erythrocytes	Urea	Glucose	Urea
Glucose	Uric Acid	Haematocrit	Uric Acid

FEATURES & BENEFITS

>>> Portable equipment

Dimensions: 450 x 360 x 140 mm
Weight of filled case (incl. photometer and centrifuge): 3.8 kg
Also available with solar cells for power supply!



>>> Mini-photometer DP 300 and DP 310

Dimensions: 195 x 100 x 45 mm
Weight: 0.4 kg
Wavelengths: 520/546 nm (DP 300) or 520/365 nm (DP 310)
Software for data transfer available.
Energy supply: battery and power plug



>>> Mini-centrifuge for smallest blood samples

For six 1.5- and 2.0-ml micro-tubes
Dimensions: 153 x 128 x 104 mm
Weight: 0.8 kg
Max. speed: 6000 rpm, max. RCF: 2000 g
Energy supply: battery or power plug



>>> Mini-dry block heater for exact measurement of kinetic tests.

For 12 round cuvettes for incubation at 37 °C
Dimensions: 156 x 96 x 72 mm
Weight: 1 kg



>>> Most tests from capillary blood

Quick and easy blood collection



>>> No calibration

>>> Prefilled cuvettes, ready to use

Innovative technology: freeze dried starter reagent in the cap

No pipetting necessary!
Reaction start by simply changing caps



>>> Quick and easy test performance

See next page.

QUICK AND EASY TEST PERFORMANCE

>>> Five Main Principles:

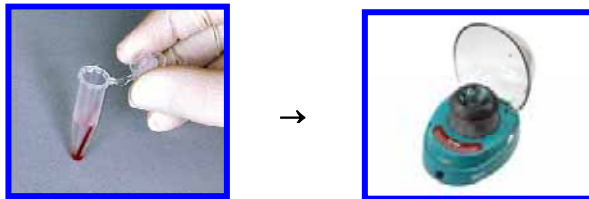
Principle 1: Read non-treated cuvette (reagent blank), then add sample and read result



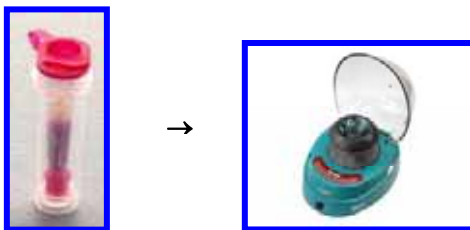
Principle 2: Read cuvette with sample (sample blank), then start reaction with starter cap and read result



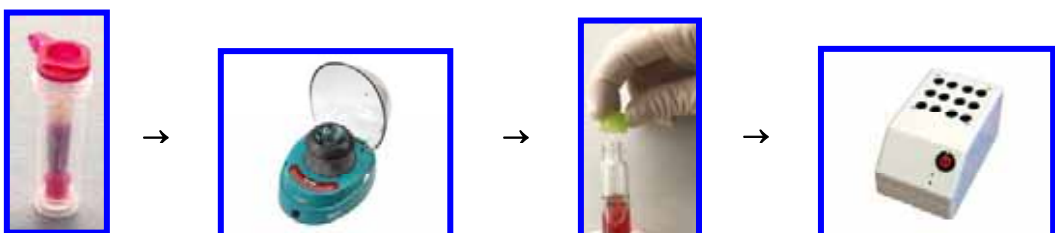
Principle 3: Prepare a haemolysate, centrifuge and follow principle 1 or 2 with supernatant.



Principle 4: Centrifuge blood to get serum/plasma and follow principle 2.



Principle 5: For kinetic measurements: centrifuge blood to get serum/plasma, start reaction, incubate and perform 2 readings at definite times.



For detailed test procedure for every parameter please refer to our package inserts and instrument manuals.

REAGENTS

Ref. #	Parameter	Method	No. of tests	Specimen	Instrument
P09001	Alcohol	AOD-PAP	20	whole blood	DP 300
P09002	Bilirubin	DPD	40	serum/plasma	DP 300
P09003	Cholesterol	CHOD-PAP	40	whole blood	DP 300, DP 310
P09004	Creatine Kinase (CK)	opt. DGKC/IFCC	20	whole blood	DP 310
P09005	Creatine Kinase (CK)	opt. DGKC/IFCC	20	serum/plasma	DP 310
P09006	Creatinine	Jaffé	40	serum/plasma	DP 300, DP 310
P09007	CRP	immuno turbidimetric	20	serum/plasma	DP 310
P09008	Erythrocytes	turbidimetric	40	whole blood	DP 300, DP 310
P09009	Glucose	GOD-PAP	40	whole blood	DP 300, DP 310
P09010	GOT(AST)	mod. IFCC	40	serum/plasma	DP 310
P09011	GPT(ALT)	mod. IFCC	40	serum/plasma	DP 310
P09012	Haemoglobin	Cyanmethaemoglob.	40	whole blood	DP 300
P09013	Haemoglobin	SLS	40	whole blood	DP 300, DP 310
P09014	Haematocrit	turbidimetric	40	whole blood	DP 300, DP 310
P09015	HDL-Cholesterol	precipitation	20	whole blood	DP 300, DP 310
- - -	LDL-Cholesterol	calculated by software			DP 300, DP 310
P09016	Iron	Ferrozine	40	serum/plasma	DP 300
P09017	Lactate	LOD-PAP	40	whole blood	DP 300, DP 310
P09018	Lactate-Rapid	LOD-PAP	40	whole blood	DP 300, DP 310
P09019	Protein	Biuret	20	whole blood	DP 300, DP 310
P09020	Triglycerides	GPO-PAP	40	whole blood	DP 300, DP 310
P09021	Urea	mod. Berthelot	20	whole blood	DP 300, DP 310
P09022	Uric Acid	Uricase-PAP	20	whole blood	DP 300, DP 310
P09023	Uric Acid	Uricase-PAP	40	serum/plasma	DP 300



CONTROLS

Ref. #	Product	Description	Content
P09110	System Check	for BIL, CHO, HDL-C, GLU, LAC, TRI, UA	20 caps
P09120	Bilirubin control	for neonatal Bilirubin	20 caps
P09130	Alcohol Control Set	5 levels	5 x 4 ml
P09140	Lactate Control Set	3 levels	3 x 4 ml
P09150	Haemoglobin control		5 x 1 ml
P09160	Erythrocytes control		5 x 1 ml
P09170	Universal Control Serum N		6 x 5 ml
P09180	Universal Control Serum P		6 x 5 ml

INSTRUMENTS & EQUIPMENT

Ref. #	Product	Description
P09300	Photometer DP 300	for ALK, BIL, CHO, HDL, CRE, ERY, FE, GLU, HCT, HB, LAC, PRO, TRI, UA, Urea
P09310	Photometer DP 310	for CK, CRP, CHO, HDL, CRE, ERY, GLU, GOT, GPT, HCT, HB (SLS), LAC, PRO, TRO, UA (blood), Urea,
P09600	Software for data transfer	
P09400	Dry block heater	
P09500	POCT Case	incl. P09540, P09550, P09560, P09565, P09570, P09580, battery
P09500-S	POCT Case with solar cells	incl. P09540, P09550, P09560, P09565, P09570, P09580, battery
P09510	Minicentrifuge	with power-plug
P09515	Minicentrifuge	with battery
P09520	Pipette 500 µL	



ACCESSORIES & DISPOSABLES

Ref. #	Product	Description	Package
P09540	Capillaries 10 µl, ring mark		250 pcs.
P09550	Cuvette rack		1 pc.
P09560	Micro pipettor (pipetting aid)		1 pc.
P09565	Adapter for micro pipettor	spare part	1 pc.
P09570	Waste bin		1 pc.
P09580	Accessory box	incl. 40 lancets, 40 alcohol pads, 40 cellulose pads, 20 adhesive tapes, 1 pipetting aid, 1 capillary holder, 2 pairs of latex gloves	1 pc.
P09700	Capillaries 100 µl, ring mark		250 pcs.
P09710	Capillaries 10 µl, end-to-end	heparinised	100 pcs.
P09720	Capillaries 20 µl, end-to-end	heparinised	100 pcs.
P09730	Capillaries 20 µl, ring mark		250 pcs.
P09740	Capillaries 50 µl, ring mark		250 pcs.
P09750	Capillary 50 µl, end-to-end	heparinised	40 pcs.
P09760	Capillary 60 µl, end-to-end	heparinised	100 pcs.
P09770	Microvettes® CB 300	Haematology / Potassium EDTA	50 pcs.
P09780	Capillary holder		1 pc.
P09800	Blood lancets		500 pcs.
P09810	Safety Lancets Extra	1.8 mm	200 pcs.
P09820	Safety Lancets Neonatal	1.2 mm	200 pcs.
P09830	Cellulose pads		1000 pcs.
P09840	Box for cellulose pads		1 pc.
P09850	Alcohol pads		200 pcs.

ACCESSORIES REQUIRED

Ref. #	Item	Sample Volume		Ref. # of blood collection accessories	Mini-centrifuge Ref. # P09510	Dry block heater Ref. # P09400	500 µL Pipette* Ref. # P09520	Micro tubes**
		whole blood	serum / plasma					
P09001	Alcohol, AOD-PAP	10 µL		Capillary P09540	---	---	---	---
P09002	Bilirubin, DPD		100 µL	---	yes	---	---	yes
				Microvette® P09710	yes			---
P09002	Neonatal Bilirubin, DPD		10 µL	Microvette® P09710 Capillary P09540	yes	---	---	---
P09003	Cholesterol, CHOD-PAP	10 µL		Capillary P09540	---	---	---	---
P09004	CK, opt. DGKC	60 µL		Capillary P09760	yes	yes	yes	---
P09005	CK, opt. DGKC		20 µL	---	yes	yes	yes	yes
				Microvette® P09710				---
---	LDL-Cholesterol	calculated by software						
P09006	Creatinine, Jaffé		500 µL	---	yes	yes	yes	yes
P09007	CRP, immuno turbidimetric		50 µL	---	yes	yes	---	yes
				Microvette® P09710				---
P09008	Erythrocytes, turbidimetric	10 µL		P09540	---	---	---	---
P09009	Glucose, mod. GOD-PAP	10 µL		P09540	---	---	---	---
P09010	GOT (AST), mod. IFCC		50 µL	---	yes	yes	---	yes
				Microvette® P09710				---
P09011	GPT (ALT) mod. IFCC		50 µL	---	yes	yes	---	yes
				Microvette® P09710				---
P09012	Haemoglobin, Cyanmethaem.	10 µL		Capillary P09540	---	---	---	---
P09013	Haemoglobin, SLS	10 µL		Capillary P09540	---	---	---	---
P09014	Haematocrit, turbidimetric	10 µL		Capillary P09540	---	---	---	---
P09015	HDL-Cholesterol, Precipitation	60 µL 10 µL		Capillary P09760 Capillary P09540	yes	---	yes	---
P09016	Iron, Ferrozine		500 µL	---	yes	---	yes	yes
P09017	Lactate, LDO-PAP	10 µL		Capillary P09540	---	---	---	---
P09018	Lactate-Rapid, LDO-PAP	10 µL		Capillary P09540	---	---	---	---
P09019	Protein, Biuret	60 µL		Capillary P09760	yes	---	yes	---
P09020	Triglycerides, GPO-PAP	10 µL		Capillary P09540	---	---	---	---
P09021	Urea, mod. Berthelot	20 µL		Capillary P09720	yes	---	yes	---
P09022	Uric acid, Uricase-PAP	60 µL		Capillary P09760	yes	---	yes	---
P09023	Uric acid, Uricase-PAP		100 µL	---	yes	---	---	yes
				Microvette® P09710				---

* Pipettes or capillaries for other volumes may also be necessary

** Venous blood collection

Additionally required: usual accessories for blood collection such as lancets, alcohol pads, latex gloves, etc.



**DIALAB® Produktion und Vertrieb
von chemisch-technischen Produkten
und Laborinstrumenten Gesellschaft m.b.H.**

Head Office: Austria

A-2351 Wr. Neudorf Austria
IZ-NÖ Süd
Hondastrasse, Objekt M55
Phone: ++43(0)2236 660910-0
Fax: ++43(0)2236 660910-30
e-mail: office@dialab.at
www.dialab.at

Czech Republic

DIALAB® SPOL.SR.O.
Namesti Osvoboditelu 1, CZ-153 00 Prague 5 Radotin
Phone/Fax: ++420-2-579 10 255
e-mail: office@dialab.cz
www.dialab.cz

Hungary

DIALAB® KFT
Pasaréti út 31, H-1026 Budapest
Phone: ++36-1-212 25 05
Fax: ++36-1-355 73 70
e-mail: dialab@mail.datanet.hu
www.dialab.hu

Serbia

DIALAB® Export - Import D.o.o.
Carigradska 1
11 008 Belgrade 12
Serbia
Phone: ++381-11-32 38 745
Phone/Fax: ++381-11-32 42 777
e-mail: dialab@sbb.co.yu

DIALAB® reserves the right to change specifications without prior notice as part of our continuous product improvement

www.dialab.at