

PRODUCT SHEET



Siemens epoc® Blood Analysis System

The epoc® Blood Analysis System is a Point-of-Care device that provides result within 35 seconds in a clinical laboratory quality.

The epoc® Blood Analysis System is a handheld, wireless solution to enable comprehensive blood gas testing at the patient's side on a single room temperature cartridge in less than one minute.

TECHNICAL DATA:

Testparameters

Parameter	Unit	Range
pH	pH-Wert	6,5-8,0
pCO2	mmHg	5-250
	kPa	0,7-33,3
pO2	mmHg	5-750
	kPa	0,7-100
Na+	mmol/l	85-180
	mEq/l	85-180
K+	mmol/l	1,5-12,0
	mEq/l	1,5-12,0
Ca++	mmol/l	0,25-4,00
	mg/dl	1,0-16,0
	mEq/l	0,5-8,0
Cl-	mmol/l	65-140
	mEq/l	65-140
Glu	mmol/l	1,1-38,5
	mg/dl	20-700
	g/l	0,20-7,00
Lac	mmol/l	0,30-20,00
	mg/dl	2,7-180,2
	g/l	0,03-1,80
Krea	mg/dl	0,30-15,00
	µmol/l	27-1326
Hkt	% PCV	10-75
	l/l	0,10-0,75

Calculated Parameters

Parameter	Unit	Range
cHCO3-	mmol/l	1-85
	mEq/l	1-85
cTCO2	mmol/l	1-85
	mEq/l	1-85
BE(ecf)	mmol/l	30 - +30
	mEq/l	30 - +30
cSO2	%	0-100
A	mmHg	5-800
	kPa	0,67-106,64
A-a	mmHg	1-800
	kPa	0,13-106,64
a/A	%	0-100
	Anteil	0-1
Anionenlücke	mmol/l	-14 - +9
	mEq/l	-14 - +9
Anionenlücke, K	mmol/l	-10 - +99
	mEq/l	-10 - +99
eGFR	ml/min/1,73m2	2-60 oder >60*
eGFR-a	ml/min/1,73m2	2-60 oder >60*
cHgb	g/dl	3,3-25
	mmol/l	2,0-15,5
	g/l	33-250

SERVICE:



User Training

ANCILLARIES:



sie-10736380 Kapillaren für epoc ; sie-10736382 Printer paper für epoc ;
sie-10736382 BGEM 3 Test cards für epoc ; sie-Control set epoc,;