

Test Strips
for Urine Analysis

Visual strips PHAN®																	
Product name	Cat. Nr.	Qty	Exp.	SG	NIT	pH	ASCO	PRO	GLU	KET	UBG	BIL	LEU	BLD	MA	CRE	CP
AlbuPHAN	10003311	50	24					●									
GlukoPHAN	10003351	50	27						●								
HemoPHAN	10003312	50	24											●			
KetoPHAN	10003313	50	30							●							
DiaPHAN	10003316	50	27						●	●							
IktoPHAN	10003315	50	24								●	●					
TriPHAN	10003320	50	27			●		●	●								
TriPHAN	10010228	100	27			●		●	●								
TetraPHAN dia	10003331	50	24			●		●	●	●							
PentaPHAN	10003322	50	24			●		●	●	●				●			
HexaPHAN	10003318	50	24			●		●	●	●	●			●			
HexaPHAN	10007382	100	24			●		●	●	●	●			●			
HeptaPHAN	10003317	50	24			●		●	●	●	●	●		●			
HeptaPHAN	10007383	100	24			●		●	●	●	●	●		●			
NonaPHAN SG	10003349	100	24	●	●	●		●	●	●	●	●		●			
NefroPHAN leuco	10003352	50	15		●	●		●					●	●			
DekaPHAN leuco	10003350	50	15	●	●	●		●	●	●	●	●	●	●			
DekaPHAN leuco	10007386	100	15	●	●	●		●	●	●	●	●	●	●			
UndekaPHAN	10003354	50	15	●	●	●	●	●	●	●	●	●	●	●			
MicroalbuPHAN	10010244	50	21												●	●	
Objective strips PHAN® LAURA																	
DiaPHAN LAURA	10010238	100	21						●	●							●
TetraPHAN SG Laura	10020292	100	21	●		●		●	●								●
PentaPHAN LAURA	10010239	100	21			●		●	●	●				●			●
HeptaPHAN LAURA	10008298	100	21			●		●	●	●	●	●		●			●
DekaPHAN LAURA	10008297	100	15	●	●	●		●	●	●	●	●	●	●			●
MicroalbuPHAN LAURA	10010262	50	15												●	●	●



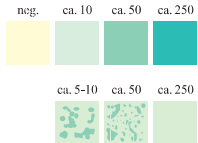
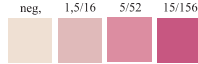
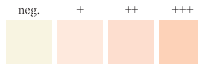
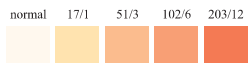
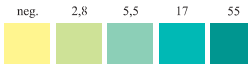
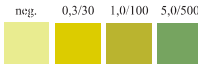



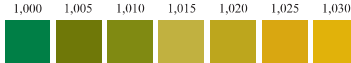

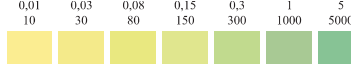

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Contact info / map

Quick Overview
of Patient's Health

PHAN[®] test strips for urine analysis

Parameter	Abbreviation	Units	Evaluation time	Colour scale	Principle of the test	Sensitivity		Specificity	Interference	
						SI	Conv.		Ascorbic Acid	Other
Haemoglobin	BLD	Ery/μl	ca 60 s		oxidation of chromogene by organic hydroperoxide in the presence of the haemoglobine	5 Ery/μl		specific for haemoglobin and myoglobin	All pads are protected against normal concentrations of ascorbic acid.	extremely high SG
Erythrocytes										drugs and diagnostics based on phenolphthalein or sulphophthalein
Ketones	KET	mmol/l mg/dl	ca 60 s		sodium nitropruside in alkaline buffer (Legal's test)	0,1 - 0,2 mmol/l	1,0 - 2,0 mg/dl	high for acetoacetic acid, low for acetone, none for butyric acid		high concentration of UBG and light
Bilirubin	BIL	arb.u.	ca 60 s		reaction of diazonium salt in acidic surroundings	4,3 - 5,2 μmol/l	0,25 - 0,30 mg/dl	specific for conjugated bilirubin		phenazopiridine, bilirubin and light
Urobilinogen	UBG	μmol/l mg/dl	ca 60 s		reaction of diazonium salt in acidic surroundings	6,0 μmol/l	0,35 mg/dl	urobilinogen and sterkobilinogen		traces of detergents in the bases of peroxides and oxidizing agents
Glucose	GLU	mmol/l	ca 60 s		enzymatic reaction - glucoseoxidase, peroxidase, chromogene	0,9 mmol/l	16 mg/dl	specific for D-glucose		drugs based on quinine and quinoline, alkaline urine with pH > 8, traces of detergents and disinfectants based on quarternaryammonium salt and urine with high buffer capacity
Protein	PRO	g/l mg/dl	ca 60 s		protein error of pH indicator - mixed acido-basic indicator changes colour in the presence of proteins	0,15 g/l	15 mg/dl	specific for albumin		foreign alkaline and/or acidic substances, old urine with pH about 9
pH	pH		ca 60 s		mixed acido-basic indicator					diuresis and phenazopyridine
Nitrites	NIT		ca 60 s		modified Griess' reaction	11 mmol/l	0,05 mg/dl	specific for nitrite (70% of bacteriuria)		reducing agents present in the urine
Ascorbic Acid	AA	mmol/l mg/dl	ca 60 s		reduction of molybdophosphoric acid into molybdenum blue	0,2 - 0,3 mmol/l	3.0 - 5,0 mg/dl	non specific oxidation-reduction reaction		pH > 6,5
Specific Gravity	SG		ca 60 s		colour change of acido-basic indicator dependant on ion exchange					alkaline pH, higher SG and high concentration of bilirubin increase the intensity of colour reaction
Leukocytes	LEU	Leu/μl	ca 120 s		enzymatic reaction - esterase splits substrate into free indoxyl, which reacts with diazonium salt	10 Leu/μl		granulocytes and histiocytes		drugs based on quinine and quinoline, alkaline urine with pH > 8, traces of detergents and disinfectants based on quarternaryammonium salt and urine with a high buffer capacity, high concentration of creatinine (>26.5 mmol/l)
Microalbumin	MA	g/l mg/l	ca 60 s		acido-basic indicator changes colour in the presence of albumine	0,03 g/l	30 mg/l	specific for albumine		urine with high buffer capacity decreases intensity of colour, high concentration of acetoacetic acid (>50 mmol/l)
Creatinine	CRE	mmol/l g/l	ca 60 s		Benedict-Behres' reaction	0,4 mmol/l	0,04 g/l	specific for creatinine		