

جدول مقادیر نرمال کیت های دستگاه وایداس (bioMerieux)

VIDAS normal ranges

AIDS		
HIV DUO QUICK	< 0.25	negative
	≥ 0.25	positive
HIV DUO ULTRA	< 0.25 (for Ag and Ab detection)	negative
	≥ 0.25 (for Ag or Ab detection)	positive
HIV P24II	<3 pg/ml/ of p24 Ag	negative
	<10.95 pg/ml of HIV Ag	negative
	≥ 3 and < 5 pg/ml of Ag	equivocal
	≥ 10.95 and < 18.25 pg/ml of HIV Ag	equivocal
	≥ 5 pg/ml of p24 Ag	positive
	≥ 18.25 pg/ml of HIV Ag	positive
HIV P24 II Confirmation	R > 60%	Confirmed
	R < 60%	Not Confirmed
HEPATITIS		
HBS Ag Ultra	Short: index < 0.13, Long: index < 0.10	negative
	Short: index ≥ 0.13, Long: index ≥ 0.10	positive
HBST	< 8 mIU/ml	negative
	8 ≤ titer ≤ 12	indeterminate
	> 12	positive
HCV	<1	negative
	≥1	positive
HBCT	index ≥ 1.4	negative
	1.0 ≤ index < 1.4	equivocal
	index < 1.0	positive
HBCM	< 5 PEIU/ml	negative
	≥ 5 to < 10 PEIU/ml	equivocal
	≥ 10 PEIU/ml	positive
HBE	index < 0.1	negative
	index ≥ 0.1	positive
HBET	index > 0.5	negative
	0.4 < index < 0.5	equivocal
	index < 0.4	positive
HAVM	< 0.4	negative
	≥ 0.4 to < 0.5	equivocal
	≥ 0.5	positive
HAVT	< 15 mIU/ml	negative
	≥ 15 to < 20 mIU/ml	positive borderline
	≥ 20 mIU/ml	positive
TOXOPLASMOSIS		
TXG	< 4 IU/ml	negative
	≥ 4 to < 8 IU/ml	equivocal
	≥ 8 IU/ml	positive
TXGA	index < 0.200	low avidity IgG
	0.200 ≤ index < 0.300	borderline avidity
	≥ 0.300	high avidity
TXM	< 0.55	negative

	≥ 0.55 to < 0.65	equivocal
	≥ 0.65	positive
TXC	≥ 1.6	negative
	< 1.6	positive
RBG	< 10 IU/ml	negative
	≥ 10 to < 15 IU/ml	equivocal
	≥ 15 IU/ml	positive
RBM	< 0.8	negative
	≥ 0.8 to < 1.2	equivocal
	≥ 1.2	positive
CYTOMEGALOVIRUS		
CMVG	< 4 AU/ml	negative
	≥ 4 to < 6 AU/ml	equivocal
	≥ 6 AU/ml	positive
CMVM	< 0.7	negative
	> 0.7 to < 0.9	equivocal
	> 0.9	positive
CMVU	≥ 0.8	infection more than 3 months
	< 0.2	infection less than 3 months
	0.2 to 0.8	use other markers
SEROLOGY		
LYT	TV < 0.75	negative
	$0.75 \leq$ TV < 1.00	equivocal
	TV ≥ 1.00	positive
MSG	< 0.5	negative
	≥ 0.5 to < 0.7	equivocal
	≥ 0.7	positive
MPG	< 0.35	negative
	≥ 0.35 to < 0.5	equivocal
	≥ 0.5	positive
VZG	TV < 0.6	negative
	≥ 0.6 to < 0.9	equivocal
	≥ 0.9	positive
HPY	TV < 0.75	negative
	$0.75 \leq$ TV < 1.00	equivocal
	TV ≥ 1.00	positive
ANTIGEN DETECTION		
CDA2	< 0.40	negative
	≥ 0.40 to < 1.0	equivocal
	≥ 1.0	positive
CDB	RFV < 75 , test value N/A	negative
	RFV > 75 , test value > 5.0	positive
	RFV > 75 , test value < 5.0	negative
RTV	< 95	negative
	≥ 95 to < 300	equivocal
	≥ 300	positive
CHL	< 60	negative
	≥ 60 to < 80	equivocal
	≥ 80	positive
CHB	RFV > 30 , test value ≥ 2.0	positive

	RFV > 30, teest value < 2.0	negative
	RFV < 30, test value N/A	negative
THYROID		
TSH	0.3 - 5 uIU/ml	Euthyroidism
TSH3	0.27 -4.7uIU/ml	Euthyroidism
	< 0.27uIU/ml	Hyperthyroidism
	> 4.7uIU/ml	Hypothyroidism
	10.89-20.30 pmol/l	Euthyroidism
FT3	4-8.3 pmol/l	Euthyroidism
T3	0.92-2.33 nmol/l	Euthyroidism
T4	60-120 nmol/l	Euthyroidism
Anti-TG	<18 IU/ml	
Anti_tpo	<8 IU/ml negative >=8 IU/ml positive	
ALLERGY		
IGE	< 150 kIU/l	Adult
ST	< 0.35kIU/l	Class 0
	0.35 - 0.70kIU/l	Class 1
	0.70 - 3.5kIU/l	Class 2
	3.5 - 17.5kIU/l	Class 3
	17.5 - 35kIU/l	Class 4
	> 35kIU/l	Class 5
STA	< 0.50	negative
	≥ 0.50 to < 0.7	equivocal
	≥ 0.7	positive
STO	< 0.35kIU/l	Class 0
	0.35 - 0.70kIU/l	Class 1
	0.70 - 3.5kIU/l	Class 2
	3.5 - 17.5kIU/l	Class 3
	17.5 - 35kIU/l	Class 4
	> 35kIU/l	Class 5
FERTILITY		
HCG	< 3mIU/ml	men
	< 4	women: Cyclic
	< 13	menopausal
	7400	pregnancy weeks : 4-5
	32800	pregnancy weeks : 5-6
	52000	pregnancy weeks : 6-7
	74000	pregnancy weeks : 7-8
	100000	pregnancy weeks : 8-9
	105000	pregnancy weeks : 9-10
	96000	pregnancy weeks : 10-11
	75300	pregnancy weeks : 11-12
	66700	pregnancy weeks : 12-13
	65900	pregnancy weeks : 13-14
	26150	pregnancy weeks : 2nd trimester
	27200	pregnancy weeks : 3rd trimester
LH	1.1 - 7.0 mIU/ml	men
	9.6- 80.0	women: ovulation (D 0)
	1.5 - 8.0	Follicular Ph: D -15 to - 9
	2.0 - 8.0	Follicular Ph: D -8 to - 2

	0.2 - 6.5	Luteal Ph: D +3 to +15
	8 - 33.0	menopausal
FSH	1.7 - 12.0 mIU/ml	men
	6.3 - 24.0	women: ovulation (D 0)
	3.9 - 12.0	Follicular Ph: D -15 to - 9
	2.9 - 9.0	Follicular Ph: D -8 to - 2
	1.5 - 7.0	Luteal Ph: D +3 to +15
	17 - 95.0	menopausal
E2 II	< 62 pg/ml	men
	18 - 147	follicular ph
	93 - 573	pre ovulatory peak
	43 - 214	luteal phase
	< 58	menopausal
PRL	5.0 - 35 ng/ml	women
	3.0 -25 ng/ml	men
PRG	0.25 - 0.56 ng/ml	men
	<=0.25-6.22 ng/ml	women : ovulation (D 0)
	<=0.25-0.54 ng/ml	follicular ph
	1.5 -20 ng/ml	luteal ph
	<0.41 ng/ml	menopausal
TES II	0.23-0.73	female>=19-50 years
	0.14-0.68	female>50
	2.27-10.30	men
TUMOR MARKERS		
TPSA	0.21 - 1.72 ng/ml	Age : < 40
	0.27 - 2.19	40 - 49
	0.27 - 3.42	50 - 59
	0.22 - 6.16	60 - 69
	0.21 - 6.77	> 69
FPSA	FPSA/TPSA:If >%18=> no biopsy necessary,make a follow up. FPSA/TPSA:If <%18=> make a biopsy,higher risk to be in front of acancer	
CEA	0.0 - 3.00 ng/ml	
AFP	0-2 ul/ml	
CA 15-3	< 30 U/ml	healthy females
CA 19-9	0.0 - 37 U/ml	healthy subjects
CA 125	0.0 - 35 U/ml	healthy subjects
B2M	0.81 - 2.19 mg/l	serum
	0.00 - 0.15 mg/l	urine
IMMUNO HEMOSTASIS		
DD2	< 500 ng/ ml	
Vwf	52 -154 %	O BLOOD GROUP DONORS
	60 - 200 %	NON O BLOOD GROUP DODNORS
PROTEIN C	65 - 140 %	
ANEMIA		
FER	68-434 ng/ml	men
	9.3-159 ng/ml	women : cyclic
	24.4-278 ng/ml	menopausal
MISCELLANEOUS		
CORT	54.94 - 287.56 ng/ml	morning
	24.61 - 171.52 ng/ml	afternoon

	9.66 - 120.63 ug/24 hrs	urine
CARDIAC MARKERS		
CK-MB	0.8 - 5.1 ng/ml	negative
	5.1 - 300 ng/ml	positive
TNIHS	>19 ng/l	negative
	19-100 ng/l	shoud be follow up
	(T3-T0)>10 ng/l	AMI
	(T3-T0)<10 ng/l	negative
TNIU	>100 ng/l	AMI
	>0.11 ug/l	AMI
	<0.01 ug/l	negative
	0.01-0.11 ug/l	shoud be follow up
MYO	10 - 46 ug/l	
GALEGIN 3	<=17.8 ng/ml	lowrisk
	>17.8 ng/ml and <= 25.9 ng/ml	intermediate
	>25.9 ng/ml	high risk
DRUGS		
DIG	0.6 - 1.2 ng/ml	therapeutic range
	> 2 ng/ml	toxic range
THEO	10 - 20 ug/ml	therapeutic range
TOXIN A/B	<0.13	negative
	>=0.13 to <0.37	equivocal
	>=0.37	positive
OTHERS		
VITAMINE D	<20 ng/ml	deficiency
	21_29 ng/ml	insufficiency
	30_100 ng/ml	sufficiency
	>100 ng/ml	intoxiocation
PCT	<0.1 ng/ml	عدم وجود عفونت باکتریال
	>=0.1 and <0.25 ng/ml	نامحتمل بودن عفونت باکتریال
	>=0.25 and <0.5 ng/ml	احتمال عفونت باکتریال وجود دارد
	>= 0.5 ng/ml	بیانگر وجود عفونت باکتریال

