

Component	Unit	CAL		Quality goal	NORIP Reference intervals																
					Gen-der	Age	Calculated										Suggestions				
		Serum					Plasma (Li heparin)					Serum		Plasma		Comment					
		Low	90% CI	High			90% CI	N	Low	90% CI	High	90% CI	N	Low	High		Low	High			
Enzymes (7)																					
Alanine aminotransferase	U/L	17.8	DGKC	6.1 %	F	>=18	8	6.7-8.5	46	43-49	1220	7	6-8	45	37-50	482	10	45			
					M	>=18	10	8.9-10.9	68	63-74	1080	10	9-11	68	56-87	443		70			
Aspartate aminotransferase	U/L	23.6	NORIP	3.4 %	F	>=18	13	12-13	37	35-38	1128	14	13-14	36	34-38	533	15	35			
					M	>=18	14	13-15	45	43-47	1012	16	16-17	45	43-52	480		45			
Creatinekinase	U/L	118.8	DGKC	7.3 %	F	>=18	33	31-35	207	180-233	1048	35	32-36	215	192-257	473	35	210			Results for persons participated in strenuous sports during the last week before sample collection is excluded
					M	18-49	50	45-54	398	351-487	397	55	49-62	481	308-738	175	50	400			
					M	>=50	39	36-46	277	252-415	404	42.0	42-46	405	261-475	200	40	280			
Alkaline phosphatases	U/L	64.0	NORIP	4.5 %	FM	>=18	37	36-39	106	101-113	954	44.0	35-48	95	90-113	141	35	105			Roche Modular and Vitros for serum and only Vitros for plasma
Gamma-glutamyl-transferase	U/L	35.8	NTP	6.1 %	F	18-39	10	9-11	42	34-54	283	9.0	-	42	-	113	10	45			
					F	>=40	11	10-11	77	64-81	445	9.0	3-10	77	61-92	206	10	75			
					M	18-39	12	10-13	78	56-168	244	11.0	-	117	-	104	10	80			
					M	>=40	15	14-16	114	99-134	409	13.0	10-14	109	72-127	185	15	115			
Total amylase	U/L	55.4	NORIP	6.4 %	FM	>=18	27	25-29	118	113-124	719	24	20-29	115	99-122	311	25	120			
Pancreatic amylase	U/L	27.0	NORIP	7.6 %	FM	>=18	11	6-13	64	54-68	497	11	8-13	61	49-71	218	10	65			
Lactate dehydrogenase	U/L	141	NORIP	2.7 %	FM	18-69	103	90-106	204	198-210	372	-		-		0	105	205			Only Roche Modular
						>=70	114	-	255	-	87	-		-		0	115	255			