

Data Dictionary Codebook

IMACS Codebooks (PID: 483)

09/04/2026 5:04pm

Instruments	
Instrument	Form Name
Myositis Serum Muscle Enzymes and Muscle Metabolites	myositis_serum_muscle_enzymes_and_muscle_metabol

[Collapse all instruments](#)

	#	Variable / Field Name	Field Label <i>Field Note</i>	Field Attributes (Field Type, Validation, Choices, Calculations, etc.)
Instrument: Myositis Serum Muscle Enzymes and Muscle Metabolites (myositis_serum_muscle_enzymes_and_muscle_metabol)				
	1	[study_id]	Study ID	text
	2	[enz_imacs_number]	Subject's IMACS Number	text, Required, Identifier
	3	[enz_date_of_assess]	Assessment Date:	text (date_mdy), Required Field Annotation: @PREVENT-FUTUREDATE
	4	[enz_assess_num]	Assessment Number	text, Required
	5	[enz_serum_table]	Blood laboratories: Units Result (Value) Lower Limit Normal (LLN) Upper Limit Normal (ULN) Creatine kinase (CK) {enz_ck_units} IU/L: {enz_ck_result_iu} µkat/L: {enz_ck_result_mk} IU/L: {enz_ck_uln_iu} µkat/L: {enz_ck_uln_mk} Aldolase {enz_aldolase_units} IU/L: {enz_aldolase_result_iu} µkat/L:{enz_aldolase_result_mk} IU/L: {enz_aldolase_uln_iu} µkat/L:{enz_aldolase_uln_mk} AST/SGOT {enz_ast_sgot_units} IU/L: {enz_ast_sgot_result_iu} µkat/L:{enz_ast_sgot_result_mk} IU/L: {enz_ast_sgot_uln_iu} µkat/L:{enz_ast_sgot_uln_mk} ALT/SGPT {enz_alt_sgpt_units} IU/L: {enz_alt_sgpt_result_iu} µkat/L:{enz_alt_sgpt_result_mk} IU/L: {enz_alt_sgpt_uln_iu} µkat/L:{enz_alt_sgpt_uln_mk} LDH {enz_ldh_units} IU/L: {enz_ldh_result_iu} µkat/L: {enz_ldh_result_mk} IU/L: {enz_ldh_uln_iu} µkat/L: {enz_ldh_uln_mk} Creatinine {enz_creatinine_units} mg/dl: {enz_creatinine_result_mg} µmol/L: {enz_creatinine_result_um} mg/dl: {enz_creatinine_lln_mg} µmol/L: {enz_creatinine_lln_um}	descriptive
	6	[enz_ck_units]	Creatine kinase (CK) Units	radio

				<table><tr><td>1</td><td>IU/L</td></tr><tr><td>2</td><td>μkat/L</td></tr></table>	1	IU/L	2	μkat/L
1	IU/L							
2	μkat/L							
	7	[enz_ck_result_iu] Show the field ONLY if: [enz_ck_units] = '1'	Creatine kinase Result: <i>IU/L</i>	text (number, Min: 0, Max: 600000) Custom alignment: LV				
	8	[enz_ck_u1n_iu] Show the field ONLY if: [enz_ck_units] = '1'	Creatine kinase Upper limit: <i>IU/L</i>	text (integer, Min: 20, Max: 395) Custom alignment: LV				
	9	[enz_ck_result_mk] Show the field ONLY if: [enz_ck_units] = '2'	Creatine kinase Result: <i>μkat/L</i>	text (number, Min: 0, Max: 500000) Custom alignment: LV				
	10	[enz_ck_u1n_mk] Show the field ONLY if: [enz_ck_units] = '2'	Creatine kinase Upper limit: <i>μkat/L</i>	text (number, Min: 0.33, Max: 6.8) Custom alignment: LV				
	11	[enz_aldolase_units]	Aldolase Units	radio <table><tr><td>1</td><td>IU/L</td></tr><tr><td>2</td><td>μkat/L</td></tr></table>	1	IU/L	2	μkat/L
1	IU/L							
2	μkat/L							
	12	[enz_aldolase_result_iu] Show the field ONLY if: [enz_aldolase_units] = '1'	Aldolase Result: <i>IU/L</i>	text (number, Min: 0, Max: 1000) Custom alignment: LV				
	13	[enz_aldolase_u1n_iu] Show the field ONLY if: [enz_aldolase_units] = '1'	Aldolase upper limit: <i>IU/L</i>	text (number, Min: 0.8, Max: 12) Custom alignment: LV				
	14	[enz_aldolase_result_mk] Show the field ONLY if: [enz_aldolase_units] = '2'	Aldolase Result: <i>μkat/L</i>	text (number, Min: 0, Max: 16.67) Custom alignment: LV				
	15	[enz_aldolase_u1n_mk] Show the field ONLY if: [enz_aldolase_units] = '2'	Aldolase Upper limit: <i>μkat/L</i>	text (number, Min: 0.02, Max: 0.3) Custom alignment: LV				
	16	[enz_ast_sgot_units]	AST/SGOT Units	radio <table><tr><td>1</td><td>IU/L</td></tr></table>	1	IU/L		
1	IU/L							

				<table><tr><td>2</td><td>μkat/L</td></tr></table>	2	μkat/L		
2	μkat/L							
17	[enz_ast_sgot_result_iu] Show the field ONLY if: [enz_ast_sgot_units] = '1'	SGOT/AST Result: <i>IU/L</i>		text (integer, Min: 0, Max: 3000) Custom alignment: LV				
18	[enz_ast_sgot_u1n_iu] Show the field ONLY if: [enz_ast_sgot_units] = '1'	SGOT/AST Upper Limit: <i>IU/L</i>		text (integer, Min: 5, Max: 50) Custom alignment: LV				
19	[enz_ast_sgot_result_mk] Show the field ONLY if: [enz_ast_sgot_units] = '2'	SGOT/AST Result: <i>μkat/L</i>		text (number, Min: 0, Max: 50) Custom alignment: LV				
20	[enz_ast_sgot_u1n_mk] Show the field ONLY if: [enz_ast_sgot_units] = '2'	SGOT/AST Upper Limit: <i>μkat/L</i>		text (number, Min: 0.08, Max: 1) Custom alignment: LV				
21	[enz_alt_sgpt_units]	ALT/SGPT Units		radio <table><tr><td>1</td><td>IU/L</td></tr><tr><td>2</td><td>μkat/L</td></tr></table>	1	IU/L	2	μkat/L
1	IU/L							
2	μkat/L							
22	[enz_alt_sgpt_result_iu] Show the field ONLY if: [enz_alt_sgpt_units] = '1'	SGPT/ALT Result: <i>IU/L</i>		text (integer, Min: 0, Max: 3000) Custom alignment: LV				
23	[enz_alt_sgpt_u1n_iu] Show the field ONLY if: [enz_alt_sgpt_units] = '1'	SGPT/ALT Upper Limit: <i>IU/L</i>		text (integer, Min: 4, Max: 150) Custom alignment: LV				
24	[enz_alt_sgpt_result_mk] Show the field ONLY if: [enz_alt_sgpt_units] = '2'	SGPT/ALT Result: <i>μkat/L</i>		text (integer, Min: 0, Max: 50) Custom alignment: LV				
25	[enz_alt_sgpt_u1n_mk] Show the field ONLY if: [enz_alt_sgpt_units] = '2'	SGPT/ALT Upper Limit: <i>μkat/L</i>		text (number, Min: 0.06, Max: 1) Custom alignment: LV				

26	[enz_ldh_units]	LDH Units	radio <table><tr><td>1</td><td>IU/L</td></tr><tr><td>2</td><td>μkat/L</td></tr></table>	1	IU/L	2	μkat/L
1	IU/L						
2	μkat/L						
27	[enz_ldh_result_iu] Show the field ONLY if: [enz_ldh_units] = '1'	LDH Result: <i>IU/L</i>	text (integer, Min: 5, Max: 10000) Custom alignment: LV				
28	[enz_ldh_u1n_iu] Show the field ONLY if: [enz_ldh_units] = '1'	LDH Upper Limit: <i>IU/L</i>	text (integer, Min: 30, Max: 500) Custom alignment: LV				
29	[enz_ldh_result_mk] Show the field ONLY if: [enz_ldh_units] = '2'	LDH Result: <i>μkat/L</i>	text (number, Min: 0, Max: 166.7) Custom alignment: LV				
30	[enz_ldh_u1n_mk] Show the field ONLY if: [enz_ldh_units] = '2'	LDH Upper Limit: <i>μkat/L</i>	text (number, Min: 0.08, Max: 8.35) Custom alignment: LV				
31	[enz_creatinine_units]	Creatinine Units	radio <table><tr><td>1</td><td>mg/dL</td></tr><tr><td>2</td><td>μmol/L</td></tr></table>	1	mg/dL	2	μmol/L
1	mg/dL						
2	μmol/L						
32	[enz_creatinine_result_mg] Show the field ONLY if: [enz_creatinine_units] = '1'	Creatinine Result: <i>mg/dl</i>	text (number, Min: 0, Max: 3) Custom alignment: LV				
33	[enz_creatinine_11n_mg] Show the field ONLY if: [enz_creatinine_units] = '1'	Creatinine Lower Limit: <i>mg/dl</i>	text (number, Min: 0, Max: 1) Custom alignment: LV				
34	[enz_creatinine_result_um] Show the field ONLY if: [enz_creatinine_units] = '2'	Creatinine Result: <i>μmol/L</i>	text (number, Min: 0, Max: 265.2) Custom alignment: LV				
35	[enz_creatinine_11n_um] Show the field ONLY if: [enz_creatinine_units] = '2'	Creatinine Lower Limit: <i>μmol/L</i>	text (integer, Min: 0, Max: 200) Custom alignment: LV				
36	[enz_comments]	Comments:	text				

37	[enz_ck_adj_scr_iu] Show the field ONLY if: [enz_ck_units] = '1'	CK (IU), adjusted to an upper limit of 252 IU	calc Calculation: round(((enz_ck_result_iu)/[enz_ck_uln_iu])*252,0)						
38	[enz_aldolase_adj_scr_iu] Show the field ONLY if: [enz_aldolase_units] = '1'	Aldolase (IU), adjusted to an upper limit of 7 IU	calc Calculation: round(((enz_aldolase_result_iu)/[enz_aldolase_uln_iu])*7,1)						
39	[enz_ast_adj_scr_iu] Show the field ONLY if: [enz_ast_sgot_units] = '1'	AST (IU), adjusted to an upper limit of 34 IU	calc Calculation: round(((enz_ast_sgot_result_iu)/[enz_ast_sgot_uln_iu])*34,0)						
40	[enz_alt_adj_scr_iu] Show the field ONLY if: [enz_alt_sgpt_units] = '1'	ALT (IU), adjusted to an upper limit of 41 IU	calc Calculation: round(((enz_alt_sgpt_result_iu)/[enz_alt_sgpt_uln_iu])*41,0)						
41	[enz_ldh_adj_scr_iu] Show the field ONLY if: [enz_ldh_units] = '1'	LDH (IU), adjusted to an upper limit of 226 IU	calc Calculation: round(((enz_ldh_result_iu)/[enz_ldh_uln_iu])*226,0)						
42	[enz_creatinine_adj_scr_mg] Show the field ONLY if: [enz_creatinine_units] = '1'	Creatinine (mg/dL), adjusted to an lower limit of 0.7 mg/dL	calc Calculation: round(((enz_creatinine_result_mg)/[enz_creatinine_lln_mg])						
43	[myositis_serum_muscle_enzymes_and_muscle_metabol_complete]	Section Header: <i>Form Status</i> Complete?	dropdown <table><tr><td>0</td><td>Incomplete</td></tr><tr><td>1</td><td>Unverified</td></tr><tr><td>2</td><td>Complete</td></tr></table>	0	Incomplete	1	Unverified	2	Complete
0	Incomplete								
1	Unverified								
2	Complete								