

AUSTRALIAN PATHOLOGY UNITS AND TERMINOLOGY

(APUTS)

Reporting Terminology and Codes Immunopathology

(v1.0)



Preferred term	Synonym	Usage guidance	Specimen	PUTS Unit	LOINC term	LOINC Component	LOINC Property	LOINC Timing	LOINC System	LOINC Scale	LOINC Method
Acetylcholine receptor Ab	ACHR	For qualitative reporting	Serum	No Unit	43625-3	Acetylcholine receptor Ab	ACnc	Pt	Ser	Ord	
Acetylcholine receptor Ab	ACHR		Serum	nmol/L	20427-1	Acetylcholine receptor Ab	SCnc	Pt	Ser	Qn	
Adrenal Ab		For qualitative reporting	Serum	No Unit	14232-3	Adrenal Ab	ACnc	Pt	Ser	Ord	
Adrenal Ab			Serum	titre	32661-1	Adrenal Ab	Titr	Pt	Ser	Qn	
Anti-Neutrophil Cytoplasmic Ab	ANCA	For qualitative reporting	Serum	No Unit	17351-8	Neutrophil cytoplasmic Ab	ACnc	Pt	Ser	Ord	
Anti-Neutrophil Cytoplasmic Ab	ANCA		Serum	titre	21023-7	Neutrophil cytoplasmic Ab	Titr	Pt	Ser	Qn	
Anti-Neutrophil Cytoplasmic Ab	ANCA	For reporting pattern	Serum	No Unit	21419-7	Neutrophil cytoplasmic Ab pattern	Imp	Pt	Ser	Nom	IF
Antinuclear Ab	ANA	For qualitative reporting	Serum	No Unit	8061-4	Nuclear Ab	ACnc	Pt	Ser	Ord	
Antinuclear Ab	ANA	For reporting in units	Serum	U	9423-5	Nuclear Ab	ACnc	Pt	Ser	Qn	IF
Antinuclear Ab	ANA	For reporting in titres which is the recommended unit	Serum	titre	29953-7	Nuclear Ab	Titr	Pt	Ser	Qn	
Antinuclear Ab	ANA	Use for reporting pattern	Serum	No Unit	14611-8	Nuclear Ab pattern	Imp	Pt	Ser	Nom	
Beta 2 glycoprotein 1 Ab IgA	B2GPI IgA		Serum	U	21108-6	Beta 2 glycoprotein 1 Ab.IgA	ACnc	Pt	Ser	Qn	
Beta 2 glycoprotein 1 Ab IgG	B2GPI IgG		Serum	U	16135-6	Beta 2 glycoprotein 1 Ab.IgG	ACnc	Pt	Ser	Qn	
Beta 2 glycoprotein 1 Ab IgM	B2GPI IgM		Serum	U	16136-4	Beta 2 glycoprotein 1 Ab.IgM	ACnc	Pt	Ser	Qn	
Cardiolipin IgA Ab	ACL IgA		Serum	U/mL	8063-0	Cardiolipin Ab.IgA	ACnc	Pt	Ser	Qn	
Cardiolipin IgG Ab	ACL IgG		Serum	U/mL	8065-5	Cardiolipin Ab.IgG	ACnc	Pt	Ser	Qn	
Cardiolipin IgM Ab	ACL IgM		Serum	U/mL	8067-1	Cardiolipin Ab.IgM	ACnc	Pt	Ser	Qn	
Centromere Ab	ACA		Serum	No Unit	16137-2	Centromere Ab	ACnc	Pt	Ser	Ord	
Centromere Ab	ACA		Serum	titre	42196-6	Centromere Ab	Titr	Pt	Ser	Qn	
Cyclic citrullinated peptide Ab	CCP		Serum	U/mL	53027-9	Cyclic citrullinated peptide Ab	ACnc	Pt	Ser	Qn	
double stranded DNA Ab	dsDNA		Serum	IU/mL	5130-0	DNA double strand Ab	ACnc	Pt	Ser	Qn	
double stranded DNA Ab	dsDNA	For qualitative reporting	Serum	No Unit	31348-6	DNA double strand Ab	ACnc	Pt	Ser	Ord	
Extractable nuclear Ab	ENA		Serum	No Unit	14722-3	Extractable nuclear Ab	ACnc	Pt	Ser	Ord	
Jo-1 extractable nuclear Ab	ENA JO-1		Serum	No Unit	8076-2	Jo-1 extractable nuclear Ab	ACnc	Pt	Ser	Ord	
PCNA extractable nuclear Ab	ENA PCNA		Serum	No Unit	8088-7	PCNA extractable nuclear Ab	ACnc	Pt	Ser	Ord	
Ribonucleoprotein extractable nuclear Ab	ENA RNP		Serum	No Unit	8091-1	Ribonucleoprotein extractable nuclear Ab	ACnc	Pt	Ser	Ord	
SCL-70 extractable nuclear Ab	ENA SCL-70		Serum	No Unit	8092-9	SCL-70 extractable nuclear Ab	ACnc	Pt	Ser	Ord	
Smith extractable nuclear Ab	ENA Sm		Serum	No Unit	31627-3	Smith extractable nuclear Ab	ACnc	Pt	Ser	Ord	
Sjogrens syndrome-A extractable nuclear Ab	ENA SSA		Serum	No Unit	8093-7	Sjogrens syndrome-A extractable nuclear Ab	ACnc	Pt	Ser	Ord	
Sjogrens syndrome-B extractable nuclear Ab	ENA SSB		Serum	No Unit	8094-5	Sjogrens syndrome-B extractable nuclear Ab	ACnc	Pt	Ser	Ord	
Endomysium Ab		For qualitative reporting	Serum	No Unit	31365-0	Endomysium Ab	ACnc	Pt	Ser	Ord	
Endomysium Ab			Serum	titre	14708-2	Endomysium Ab	Titr	Pt	Ser	Qn	
F-Actin		For qualitative reporting	Serum	No Unit	54020-3	Actin.filamentous Ab	ACnc	Pt	Ser/Plas	Ord	
F-Actin			Serum	U	54021-1	Actin.filamentous Ab	ACnc	Pt	Ser/Plas	Qn	
Ganglioside GM1 IgG	GM1 IgG	For qualitative reporting	Serum	No Unit	45169-0	Ganglioside GM1 Ab.IgG	ACnc	Pt	Ser	Ord	
Ganglioside GM1 IgG	GM1 IgG		Serum	U/mL	31499-7	Ganglioside GM1 Ab.IgG	ACnc	Pt	Ser	Qn	
Ganglioside GM1 IgM	GM1 IgM	For qualitative reporting	Serum	No Unit	44750-8	Ganglioside GM1 Ab.IgM	ACnc	Pt	Ser	Ord	
Ganglioside GM1 IgM	GM1 IgM		Serum	U	31502-8	Ganglioside GM1 Ab.IgM	ACnc	Pt	Ser	Qn	
Ganglioside GQ1b Ab	GQ1b Ab		Serum	No Unit	17578-6	Ganglioside GQ1b Ab	ACnc	Pt	Ser	Ord	
Glialin IgA Ab			Serum	U/mL	58709-7	Glialin peptide Ab.IgA	ACnc	Pt	Ser	Qn	
Glialin IgG Ab			Serum	U/mL	58710-5	Glialin peptide Ab.IgG	ACnc	Pt	Ser	Qn	
Glomerular basement membrane Ab	GBM	For qualitative reporting with immuno assays	Serum	No Unit	63262-0	Glomerular basement membrane Ab	ACnc	Pt	Ser	Ord	EIA
Glomerular basement membrane Ab	GBM	For qualitative reporting with immunofluorescence	Serum	No Unit	53260-6	Glomerular basement membrane Ab	ACnc	Pt	Ser	Ord	IF
Glomerular basement membrane Ab	GBM	For quantitative reporting in units/mL	Serum	U/mL	49774-3	Glomerular basement membrane Ab	ACnc	Pt	Ser	Qn	
Glomerular basement membrane Ab	GBM	For quantitative reporting in titres	Serum	titre	53259-8	Glomerular basement membrane Ab	Titr	Pt	Ser	Qn	IF
Glutamate decarboxylase Ab	GAD		Serum	U/mL	13926-1	Glutamate decarboxylase 65 Ab	ACnc	Pt	Ser	Qn	
Histone Ab		For qualitative reporting	Serum	No Unit	8071-3	Histone Ab	ACnc	Pt	Ser	Ord	
Histone Ab			Serum	U	30359-4	Histone Ab	ACnc	Pt	Ser	Qn	
Intercellular substance Ab	ICCS		Serum	No Unit	10865-4	Intercellular substance Ab	ACnc	Pt	Ser	Ord	
Intrinsic factor Ab	IFA	For qualitative reporting	Serum	No Unit	30530-0	Intrinsic factor Ab	ACnc	Pt	Ser	Ord	
Intrinsic factor Ab	IFA		Serum	U/mL	11564-2	Intrinsic factor Ab	ACnc	Pt	Ser	Qn	
Islet cell 512 Ab	IA2		Serum	U/mL	31209-0	islet cell 512 Ab	ACnc	Pt	Ser	Qn	
Islet cell Ab	ICA	For qualitative reporting	Serum	No Unit	31547-3	Pancreatic islet cell Ab	ACnc	Pt	Ser	Ord	
Islet cell Ab	ICA		Serum	titre	13927-9	Pancreatic islet cell Ab	Titr	Pt	Ser	Qn	
Liver kidney microsomal Ab	LKM	For qualitative reporting	Serum	No Unit	14272-9	Liver kidney microsomal Ab	ACnc	Pt	Ser	Ord	
Liver kidney microsomal Ab	LKM	For quantitative reporting in units/mL	Serum	U/mL	11566-7	Liver kidney microsomal Ab	ACnc	Pt	Ser	Qn	
Liver kidney microsomal Ab	LKM	For quantitative reporting in titres	Serum	titre	9838-4	Liver kidney microsomal Ab	Titr	Pt	Ser	Qn	IF
Mitochondria Ab	AMA	For qualitative reporting	Serum	No Unit	14236-4	Mitochondria Ab	ACnc	Pt	Ser	Ord	
Mitochondria Ab	AMA	For quantitative reporting in units/mL	Serum	IU/mL	8077-0	Mitochondria Ab	ACnc	Pt	Ser	Qn	
Mitochondria Ab	AMA	For quantitative reporting in titres	Serum	titre	20483-4	Mitochondria Ab	Titr	Pt	Ser	Qn	
Myelin associated glycoprotein Ab	MAG	For qualitative reporting	Serum	No Unit	31521-8	Myelin associated glycoprotein Ab	ACnc	Pt	Ser	Ord	
Myelin associated glycoprotein Ab	MAG		Serum	U	31520-0	Myelin associated glycoprotein Ab	ACnc	Pt	Ser	Qn	
Myelin associated glycoprotein Ab	MAG		Serum	titre	33394-8	Myelin associated glycoprotein Ab	Titr	Pt	Ser	Qn	
Myeloperoxidase Ab	MPO	For qualitative reporting	Serum	No Unit	29643-4	Myeloperoxidase Ab	ACnc	Pt	Ser	Ord	EIA
Myeloperoxidase Ab	MPO		Serum	U/mL	6969-0	Myeloperoxidase Ab	ACnc	Pt	Ser	Qn	
Neuronal Ab			Serum	No Unit	31533-3	Neuronal Ab	ACnc	Pt	Ser	Ord	
Ovarian Ab			Serum	No Unit	17393-0	Ovary Ab	ACnc	Pt	Ser	Ord	
Parietal cell Ab	PCA	For qualitative reporting	Serum	No Unit	14241-4	Parietal cell Ab	ACnc	Pt	Ser	Ord	
Parietal cell Ab	PCA		Serum	titre	27320-1	Parietal cell Ab	Titr	Pt	Ser	Qn	
Proteinase 3 Ab	PR3	For qualitative reporting	Serum	No Unit	63310-7	Proteinase 3 Ab	ACnc	Pt	Ser	Ord	EIA
Proteinase 3 Ab	PR3		Serum	U/mL	6968-2	Proteinase 3 Ab	ACnc	Pt	Ser	Qn	
Rheumatoid Factor	RF		Serum	IU/mL	11572-5	Rheumatoid factor	ACnc	Pt	Ser	Qn	
Rheumatoid Factor	RF	For qualitative reporting	Serum	No Unit	33910-1	Rheumatoid factor	ACnc	Pt	Ser	Ord	

RCPA Pathology Units and Terminology Standardisation Project - Terminology for Reporting Pathology: Immunopathology: Auto-antibodies v1												
Preferred term	Synonym	Usage guidance	Specimen	PUTS Unit	LOINC term	LOINC Component	LOINC Property	LOINC Timing	LOINC System	LOINC Scale	LOINC Method	
Rheumatoid Factor joint fluid	RF Joint fluid		Joint fluid	IU/mL	13634-1	Rheumatoid factor	ACnc	Pt	Synv fld	Qn		
Skin basement membrane Ab			Serum	U	31252-0	Basement membrane Ab	ACnc	Pt	Ser	Qn		
Smooth muscle Ab	SMA	For qualitative reporting	Serum	No Unit	14252-1	Smooth muscle Ab	ACnc	Pt	Ser	Ord		
Smooth muscle Ab	SMA		Serum	titre	5358-7	Smooth muscle Ab	Titr	Pt	Ser	Qn	IF	
Thyroglobulin Ab	TG	For reporting in international units	Serum	IU/mL	8098-6	Thyroglobulin Ab	ACnc	Pt	Ser/Plas	Qn		
Thyroglobulin Ab	TG	For reporting in titres	Serum	titre	5381-9	Thyroglobulin Ab	Titr	Pt	Ser	Qn	LA	
Thyroid Peroxidase Ab	TPO	For reporting in international units	Serum	IU/mL	8099-4	Thyropoxidase Ab	ACnc	Pt	Ser/Plas	Qn		
Thyroid Peroxidase Ab	TPO	For reporting in titres	Serum	titre	32786-6	Thyropoxidase Ab	Titr	Pt	Ser/Plas	Qn		
Tissue transglutaminase IgA	TTG IgA	For qualitative reporting	Serum	No Unit	35285-6	Tissue transglutaminase Ab.IgA	ACnc	Pt	Ser	Ord		
Tissue transglutaminase IgA	TTG IgA		Serum	U/mL	31017-7	Tissue transglutaminase Ab.IgA	ACnc	Pt	Ser	Qn		
Tissue transglutaminase IgG	TTG IgG	For qualitative reporting	Serum	No Unit	53026-1	Tissue transglutaminase Ab.IgG	ACnc	Pt	Ser	Ord		
TSH Receptor Ab			Serum	IU/L	5385-0	Thyrotropin receptor Ab	ACnc	Pt	Ser	Qn		

RCPA Pathology Units and Terminology Standardisation Project - Terminology for Reporting Pathology: Immunopathology: Immunchemistry v1												
Preferred term	Synonym	Usage guidance	Specimen	PUTS Unit	LOINC term	LOINC Component	LOINC Property	LOINC Timing	LOINC System	LOINC Scale	LOINC Method	
Immunoglobulin G total	IgG Total		Serum	g/L	2465-3	IgG	MCnc	Pt	Ser	Qn		
Immunoglobulin G CSF	IgG CSF		CSF	g/L	2464-6	IgG	MCnc	Pt	CSF	Qn		
Immunoglobulin G IgG subclass 1	IgG1		Serum	g/L	2466-1	IgG subclass 1	MCnc	Pt	Ser	Qn		
Immunoglobulin G IgG subclass 2	IgG2		Serum	g/L	2467-9	IgG subclass 2	MCnc	Pt	Ser	Qn		
Immunoglobulin G IgG subclass 3	IgG3		Serum	g/L	2468-7	IgG subclass 3	MCnc	Pt	Ser	Qn		
Immunoglobulin G IgG subclass 4	IgG4		Serum	g/L	2469-5	IgG subclass 4	MCnc	Pt	Ser	Qn		
Immunoglobulin A	IgA		Serum	g/L	2458-8	IgA	MCnc	Pt	Ser	Qn		
Immunoglobulin M	IgM		Serum	g/L	2472-9	IgM	MCnc	Pt	Ser	Qn		
Immunoglobulin E Total	IgE		Serum	klU/L	19113-0	IgE	ACnc	Pt	Ser	Qn		
Complement C1 esterase inhibitor	C1INH		Serum	g/L	4477-6	Complement C1 esterase inhibitor	MCnc	Pt	Ser/Plas	Qn		
Complement C1 esterase inhibitor (functional assay)	C1INH		Serum	U/L	XXXXX-X	Complement C1 esterase inhibitor.functional	ACnc	Pt	Ser/Plas	Qn		
C Reactive protein Routine	CRP		Serum	mg/L	1988-5	C reactive protein	MCnc	Pt	Ser/Plas	Qn		
C Reactive protein high sensitivity	hsCRP		Serum	mg/L	30522-7	C reactive protein	MCnc	Pt	Ser/Plas	Qn	High sensitivity	
Complement C3	C3		Serum	g/L	4485-9	Complement C3	MCnc	Pt	Ser/Plas	Qn		
Complement C4	C4		Serum	g/L	4498-2	Complement C4	MCnc	Pt	Ser/Plas	Qn		
Alpha globulin + paraprotein			Serum	g/L	XXXXX-X	Alpha globulin+Gamma globulin.abnormal band	MCnc	Pt	Ser/Plas	Qn	Electrophoresis	
Monoclonal free light chains kappa		For quantitative reporting with protein electrophoresis results	Serum	g/L	XXXXX-X	Immunoglobulin light chains.kappa.free	MCnc	Pt	Ser	Qn	Electrophoresis	
Monoclonal free light chains lambda		For quantitative reporting with protein electrophoresis results	Serum	g/L	XXXXX-X	Immunoglobulin light chains.lambda.free	MCnc	Pt	Ser/Plas	Qn	Electrophoresis	
Free light chains lambda		For reporting immuno assay free light chains	Serum	mg/L	33944-0	Immunoglobulin light chains.lambda.free	MCnc	Pt	Ser/Plas	Qn		
Free light chains kappa		For reporting immuno assay free light chains	Serum	mg/L	36916-5	Immunoglobulin light chains.kappa.free	MCnc	Pt	Ser	Qn		
Free light chains kappa lamda Ratio			Serum	No Unit	40844-3	Immunoglobulin light chains.kappa.free/Immunoglobulin light chains.lambda	MCrto	Pt	Ser	Qn		
Paraprotein 1 creatinine ratio urine			Urine Random	mg/mmol	XXXXX-X	Protein.monoclonal band 1/Creatinine	Ratio	Pt	Urine	Qn		
Paraprotein 2 creatinine ratio urine			Urine Random	mg/mmol	XXXXX-X	Protein.monoclonal band 2/Creatinine	Ratio	Pt	Urine	Qn		
Paraprotein 3 creatinine urine			Urine Random	mg/mmol	XXXXX-X	Protein.monoclonal band 3/Creatinine	Ratio	Pt	Urine	Qn		
Paraprotein 3 urine 24h			Urine 24h	mg/24h	XXXXX-X	Protein.monoclonal band 3	MRat	XXX	Urine	Qn		
HLA-B27	B27		Bld	No Unit	4821-5	HLA-B27	ACnc	Pt	Bld	Ord		
Coeliac tissue typing			Bld	No Unit	43689-9	HLA-DQ2 & HLA-DQ8	Imp	Pt	Bld	Nom		
Cat dander		Allergen specific IgE	Serum	ku/L	6833-8	Cat dander Ab.IgE	ACnc	Pt	Ser	Qn		
Rye grass		Allergen specific IgE	Serum	ku/L	7369-2	Lolium perenne Ab.IgE	ACnc	Pt	Ser	Qn		
Bermuda grass		Allergen specific IgE	Serum	ku/L	6041-8	Cynodon dactylon Ab.IgE	ACnc	Pt	Ser	Qn		
Dermatophagoides pteronyssinus		Allergen specific IgE	Serum	ku/L	6096-2	Dermatophagoides pteronyssinus Ab.IgE	ACnc	Pt	Ser	Qn		
Egg		Allergen specific IgE	Serum	ku/L	6106-9	Egg white Ab.IgE	ACnc	Pt	Ser	Qn		
Cow's milk		Allergen specific IgE	Serum	ku/L	7258-7	Cow milk Ab.IgE	ACnc	Pt	Ser	Qn		
Peanut		Allergen specific IgE	Serum	ku/L	6206-7	Arachis hypogaea Ab.IgE	ACnc	Pt	Ser	Qn		
Prawn		Allergen specific IgE	Serum	ku/L	6246-3	Pandalus borealis Ab.IgE	ACnc	Pt	Ser	Qn		
Latex		Allergen specific IgE	Serum	ku/L	6158-0	Latex Ab.IgE	ACnc	Pt	Ser	Qn		
Aspergillus fumigatus		Allergen specific IgE	Serum	ku/L	6025-1	Aspergillus fumigatus Ab.IgE	ACnc	Pt	Ser	Qn		
Alternaria alternata		Allergen specific IgE	Serum	ku/L	6020-2	Alternaria alternata Ab.IgE	ACnc	Pt	Ser	Qn		
Paspalum		Allergen specific IgE	Serum	ku/L	6034-3	Paspalum notatum Ab.IgE	ACnc	Pt	Ser	Qn		
Cashew		Allergen specific IgE	Serum	ku/L	6718-1	Anacardium occidentale Ab.IgE	ACnc	Pt	Ser	Qn		
Bee venom		Allergen specific IgE	Serum	ku/L	6844-5	Apis mellifera Ab.IgE	ACnc	Pt	Ser	Qn		
Paper wasp		Allergen specific IgE	Serum	ku/L	6198-6	Polistes spp Ab.IgE	ACnc	Pt	Ser	Qn		
Tryptase			Serum	ug/L	21582-2	Tryptase	MCnc	Pt	Ser/Plas	Qn		

Preferred term	Synonym	Usage guidance	Specimen	PUTS Unit	LOINC term	LOINC Component	LOINC Property	LOINC Timing	LOINC System	LOINC Scale	LOINC Method
Based on the Recommendations for Standardised Reporting of Protein Electrophoresis in Australia and New Zealand Ann Clin Biochem 2012; 49: 242-256.											
The minimal quantitative fields to be reported are total protein, albumin and, if present, the paraprotein(s)											
Serum Protein Electrophoresis Core components											
Total Protein			2885-2	MCnc	Qn						
Albumin		BCG	Serum	g/L	61151-7	Albumin	MCnc	Pt	Ser/Plas	Qn	BCG
Albumin		BCP - preferred method	Serum	g/L	61152-5	Albumin	MCnc	Pt	Ser/Plas	Qn	BCP
Albumin		Electrophoresis	Serum	g/L	2862-1	Albumin	MCnc	Pt	Ser/Plas	Qn	Electrophoresis
Total globulin			Serum	g/L	10834-0	Globulin	MCnc	Pt	Ser	Qn	Calculated
Paraprotein 1			Serum	g/L	51435-6	Protein.monoclonal band 1	MCnc	Pt	Ser/Plas	Qn	Electrophoresis
Paraprotein 2		Use if more than one para protein present	Serum	g/L	35559-4	Protein.monoclonal band 2	MCnc	Pt	Ser/Plas	Qn	Electrophoresis
Paraprotein 3		Use if more than one para protein present	Serum	g/L	50796-2	Protein.monoclonal band 3	MCnc	Pt	Ser/Plas	Qn	Electrophoresis
Optional components											
Alpha-1 globulin			Serum	g/L	2865-4	Alpha 1 globulin	MCnc	Pt	Ser/Plas	Qn	Electrophoresis
Alpha-2 globulin			Serum	g/L	2868-8	Alpha 2 globulin	MCnc	Pt	Ser/Plas	Qn	Electrophoresis
Alpha globulin + paraprotein			Serum	g/L	XXXXX-X	Alpha globulin+Gamma globulin.abnormal band	MCnc	Pt	Ser/Plas	Qn	Electrophoresis
Beta globulin			Serum	g/L	2871-2	Beta globulin	MCnc	Pt	Ser/Plas	Qn	Electrophoresis
Beta-1 globulin			Serum	g/L	32730-4	Beta 1 globulin	MCnc	Pt	Ser/Plas	Qn	Electrophoresis
Beta-2 globulin			Serum	g/L	32731-2	Beta 2 globulin	MCnc	Pt	Ser/Plas	Qn	Electrophoresis
Beta globulin + paraprotein			Serum	g/L	53588-0	Beta globulin+Gamma globulin.abnormal band	MCnc	Pt	Ser/Plas	Qn	Electrophoresis
Gamma globulin			Serum	g/L	2874-6	Gamma globulin	MCnc	Pt	Ser/Plas	Qn	Electrophoresis
Monoclonal free light chains kappa		For quantitative reporting with protein electrophoresis results	Serum	g/L	XXXXX-X	Immunoglobulin light chains.kappa.free	MCnc	Pt	Ser	Qn	Electrophoresis
Monoclonal free light chains lambda		For quantitative reporting with protein electrophoresis results	Serum	g/L	XXXXX-X	Immunoglobulin light chains.lambda.free	MCnc	Pt	Ser/Plas	Qn	Electrophoresis
Protein electrophoresis pattern comments					49298-3	Protein pattern	Imp	Pt	Ser/Plas	Nar	
Serum Immunofixation											
IgA monoclonal		Immunofixation results	Serum	No Unit	44587-4	IgA.monoclonal	ACnc	Pt	Ser	Ord	Immunofixation
IgG monoclonal		Immunofixation results	Serum	No Unit	44597-3	IgG.monoclonal	ACnc	Pt	Ser	Ord	Immunofixation
IgM monoclonal		Immunofixation results	Serum	No Unit	44601-3	IgM.monoclonal	ACnc	Pt	Ser	Ord	Immunofixation
IgD monoclonal		Immunofixation results	Serum	No Unit	55903-9	IgD.monoclonal	ACnc	Pt	Ser	Ord	Immunoelectrophoresis
IgE monoclonal		Immunofixation results	Serum	No Unit	55904-7	IgE.monoclonal	ACnc	Pt	Ser	Ord	Immunoelectrophoresis
Kappa Light chains		Immunofixation results	Serum	No Unit	40635-5	immunoglobulin light chains.kappa	ACnc	Pt	Ser	Ord	Immunofixation
Lambda Light chains		Immunofixation results	Serum	No Unit	40639-7	immunoglobulin light chains.lambda	ACnc	Pt	Ser	Ord	Immunofixation
Immunofixation comments		Immunofixation interpretive comments	Serum	No Unit	49275-1	Interpretation	Imp	Pt	Ser/Plas	Nar	Immunofixation
Free light chains lambda		For reporting immuno assay free light chains	Serum	mg/L	33944-0	Immunoglobulin light chains.lambda.free	MCnc	Pt	Ser/Plas	Qn	
Free light chains kappa		For reporting immuno assay free light chains	Serum	mg/L	36916-5	Immunoglobulin light chains.kappa.free	MCnc	Pt	Ser	Qn	
Free light chains kappa lambda Ratio			Serum	No Unit	40844-3	Immunoglobulin light chains.kappa.free/Immunoglobulin light chains.lambda	MCrto	Pt	Ser	Qn	
Urine Protein Electrophoresis UPEP - Spot sample											
Protein urine			Urine Random	mg/L	2888-6	Protein	MCnc	Pt	Urine	Qn	
Creatinine urine			Urine Random	mmol/L	14683-7	Creatinine	SCnc	Pt	Urine	Qn	
Protein creatinine ratio urine			Urine Random	mg/mmol	34366-5	Protein/Creatinine	Ratio	Pt	Urine	Qn	
Protein electrophoresis comments urine		For narrative comments	Urine Random	No Unit	49299-1	Protein pattern	Imp	Pt	Urine	Nar	Electrophoresis
Protein electrophoresis comments urine		For coded comments	Urine Random	No Unit	13438-7	Protein pattern	Imp	Pt	Urine	Nom	Electrophoresis
Paraprotein 1 urine random			Urine Random	mg/L	40661-1	Protein.monoclonal	MCnc	Pt	Urine	Qn	Electrophoresis
Paraprotein 1 creatinine ratio urine			Urine Random	mg/mmol	XXXXX-X	Protein.monoclonal band 1/Creatinine	Ratio	Pt	Urine	Qn	
Paraprotein 2 urine			Urine Random	mg/L	51437-2	Protein.monoclonal band 2	MCnc	Pt	Urine	Qn	Electrophoresis
Paraprotein 2 creatinine ratio urine			Urine Random	mg/mmol	XXXXX-X	Protein.monoclonal band 2/Creatinine	Ratio	Pt	Urine	Qn	
Paraprotein 3 urine			Urine Random	mg/L	51440-6	Protein.monoclonal band 3	MCnc	Pt	Urine	Qn	Electrophoresis
Paraprotein 3 creatinine urine			Urine Random	mg/mmol	XXXXX-X	Protein.monoclonal band 3/Creatinine	Ratio	Pt	Urine	Qn	
Protein electrophoresis comments urine			Urine Random	No Unit	13438-7	Protein pattern	Imp	Pt	Urine	Nom	Electrophoresis
Immunofixation interpretation urine			Urine Random	No Unit	13440-3	Interpretation	Imp	Pt	Urine	Nom	Immunofixation
Immunofixation pattern urine			Urine Random	No Unit	14896-5	Protein pattern	Imp	Pt	Urine	Nom	Immunofixation
Urine Protein Electrophoresis UPEP - 24h SAMPLE											
Paraprotein 1 urine 24h			Urine 24h	mg/24h	42482-0	Protein.monoclonal	MRat	24H	Urine	Qn	Electrophoresis
Paraprotein 2 urine 24h		Use if more than one paraprotein present	Urine 24h	mg/24h	66481-3	Protein.monoclonal band 2	MRat	XXX	Urine	Qn	
Paraprotein 3 urine 24h			Urine 24h	mg/24h	XXXXX-X	Protein.monoclonal band 3	MRat	XXX	Urine	Qn	
Collection duration			Urine	h	13362-9	Collection duration	Time	*	Urine	Qn	
Specimen volume urine 24h			Urine 24h	L	3167-4	Specimen volume	Vol	24H	Urine	Qn	
Total protein excretion urine 24h			Urine 24h	mg/24h	2889-4	Protein	MRat	24H	Urine	Qn	
Immunofixation interpretation urine 24h			Urine 24h	No Unit	33042-3	Interpretation	Imp	24H	Urine	Nom	Immunofixation
Protein electrophoresis comments urine 24h		For narrative comments	Urine 24h	No Unit	49301-5	Protein pattern	Imp	24H	Urine	Nar	Electrophoresis
Protein electrophoresis comments urine 24h		For coded comments	Urine 24h	No Unit	32210-7	Protein pattern	Imp	24H	Urine	Nom	Electrophoresis

RCPA Pathology Units and Terminology Standardisation Project - Terminology for Reporting Pathology: Immunopathology: T cell FCM v1											
Preferred term	Synonym	Usage guidance	Specimen	PUTS Unit	LOINC term	LOINC Component	LOINC Property	LOINC Tim	LOINC Syst	LOINC Scal	LOINC Method
CD3+ Lymphocytes			Bld	10*9/L	8122-4	Cells.CD3	NCnc	Pt	Bld	Qn	
CD3+ Lymphocytes		Reporting in percentage	Bld	%	8124-0	Cells.CD3/100 cells	NFr	Pt	Bld	Qn	
CD3+ CD4+ Lymphocytes			Bld	10*9/L	24467-3	Cells.CD3+CD4+	NCnc	Pt	Bld	Qn	
CD3+ CD4+ Lymphocytes		Reporting in percentage	Bld	%	8123-2	Cells.CD3+CD4+/100 cells	NFr	Pt	Bld	Qn	
CD3+ CD8+ Lymphocytes			Bld	10*9/L	14135-8	Cells.CD3+CD8+	NCnc	Pt	Bld	Qn	
CD3+ CD8+ Lymphocytes		Reporting in percentage	Bld	%	8101-8	Cells.CD3+CD8+/100 cells	NFr	Pt	Bld	Qn	
CD19+ Lymphocytes			Bld	10*9/L	8116-6	Cells.CD19	NCnc	Pt	Bld	Qn	
CD19+ Lymphocytes		Reporting in percentage	Bld	%	8117-4	Cells.CD19/100 cells	NFr	Pt	Bld	Qn	
CD3- CD16+ Lymphocytes			Bld	10*9/L	15193-6	Cells.CD3-CD16+	NCnc	Pt	Bld	Qn	
CD3- CD16+ Lymphocytes		Reporting in percentage	Bld	%	15194-4	Cells.CD3-CD16+/100 cells	NFr	Pt	Bld	Qn	
CD3- CD56+ Lymphocytes			Bld	10*9/L	53936-1	Cells.CD3-CD56+	NCnc	Pt	Bld	Qn	
CD3- CD56+ Lymphocytes		Reporting in percentage	Bld	%	55090-5	Cells.CD3-CD56+/100 cells	NFr	Pt	Bld	Qn	
CD3- CD16+56+ Lymphocytes			Bld	10*9/L	9728-7	Cells.CD3-CD16+CD56+	NCnc	Pt	Bld	Qn	
CD3- CD16+56+ Lymphocytes		Reporting in percentage	Bld	%	8112-5	Cells.CD3-CD16+CD56+/100 cells	NFr	Pt	Bld	Qn	
CD4/CD8 Ratio			Bld	no unit	54218-3	Cells.CD3+CD4+/Cells.CD3+CD8+	NRto	Pt	Bld	Qn	