

EXAMPLE, REPORT W WX0000003827 M 07/08/1978 45 Y

		Referral	-				
			cted: 08/31/2023			08/31/2023	11:03
est Name		<u>Result</u>	Flag	Ref-Ranges	<u>i</u> <u>l</u>	<u>Jnits</u>	<u>Site</u>
Bullous	Pemphigoid Antigens (180	kDa and 230 l	kDa), IgG				
ullous Pei	nphigoid Antigens, IgG	See Note					ARRL
	CLINICAL INFORMATION No clinical information prove	ided.					
	Specimen Details S12-AB0000000 - Serum; Collec 8/23/2023	cted: 8/21/2023	3; Received:				
	DIAGNOSTIC INTERPRETATION						
	Bullous Pemphigoid (BP180 and ELISA monitoring, currently of BP180 antibody level, support	demonstrating a	an increased	IgG			
	(See Results, Comments, Test previous and current findings in the Enhanced Electronic Re upon request)	s, and Graph of	f ELISA resu	lts			
	RESULTS Enzyme-Linked Immunosorbent A	Assay (ELISA)					
	Bullous Pemphigoid (BP)180 ar	nd BP230 IgG Ar	ntibodies				
	IgG BP180 antibody level: 43	3 U/mL (H)					
	Reference Range: Normal (negative) Increased (H) (positive)						
	IgG BP230 antibody level:	3 U/mL					
	Reference Range: Normal (negative) Increased (H) (positive)						
	(H) = high/positive U = antibody level in EL:	ISA units					
	COMMENTS						

LAB: L - LOW, H - HIGH, AB - ABNORMAL, C - CRITICAL, . - NOT TESTED



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		Referral	Testing				
		Colle	cted: 08/31/2023	11:03	Received:	08/31/2023	11:03
<u>Test Name</u>	Specific	<u>Result</u>	<u>Flag</u>	Ref-Ranges	<u>U</u>	Inits	<u>Site</u>
	Current serum testing demons antibody level by ELISA, sup pemphigoid.		-	.80			
	IgG BP180 antibody levels of in some patients with pemph summary of previous and curr the ELISA results is available Report/EELR and/or available ARUP Client Services and as University of Utah regarding	igoid. See char rent test resul ble in the Enha e upon request k to speak with	t (below) for ts. A graph o nced Electror by contacting the Immunode	of nic J	Laborato	ry at the	
	Co-expression of IgG and IgA antibodies may develop in so which may have implications treatment approach. To furth immunopathological profile of membrane zone antibodies, ac indirect immunofluorescence performed on this serum spec Services with add-on test re - Basement Membrane Zone IgG by IIF (ARUP test no IgA by IIF (ARUP test no	ome patients wi for disease se her evaluate th with respect to dditional serum is recommended cimen by contac equest(s) for: (Epithelial) An umber 0092056) (Epithelial) An	th pemphigoid verity and e basement testing by and may be ting ARUP Cli tibodies, and				
	Clinical correlation is need continued monitoring of the including by indirect immune assessing disease activity a	serum antibody ofluorescence,	profile,				
	If it would be helpful to dand/or further testing, cont Immunodermatology Laboratory regarding patient results.	tact ARUP Clien	t Services ar		speak wit	h the	
	General						
	Major molecular structures a which IgG pemphigoid antibod and termed "BP180" for a 180 (also known as bullous pemph XVII collagen, COL17) and "P pemphigoid antigen (also kno antigen 1, BPAG1). BP180 is	dies bind have 0 kDa bullous p higoid antigen BP230" for a 23 own as bullous	been identifi emphigoid ant 2, BPAG2, or 0 kDa bullous pemphigoid	ed tigen type			
	, H - HIGH, AB - ABNORMAL, C - CRITICAL,						
E221000022	Ordered By: KAIAL SIT				Kaial V Site	ala MD PhD Medi	ical Director

Ordered By: KAJAL SITWALA, MD, PhD WX0000000002365



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			Referral Te	esting				
			Collecte	d: 08/31/20	23 11:03	Received	08/31/2023	11:03
<u>Test Name</u>	the basement m non-collagenou been identifie located in the epidermis. Ser antibodies are sensitive than IgG BP180 anti pemphigoid, di percent of ind including pati increased leve ELISAS. Patien multiple basem or other than ELISAS. Type W fibrils within mucous membran autoantibodies acquisita and erythematosus membrane zone epithelial ant 	as 16A (NC16A) ed as a main and a hemidesmosoma cum levels of 1 e determined by a indirect immu- bodies may con- minishing with dividuals who co- ents with other els of IgG BP18 ats with pemphi- nent membrane 2 the BP180 and VII collagen is a epithelial ba- nes) and is an s in patients w in a subset of and, potential antibody expre- cibody-associat	has n the els of ity in o 7 have by to n to ted n and pus nt her	<u>les</u>	<u>Units</u>	Site		
	(Mesacup, MBL TEST RESULTS S Basement Membr Serum Date Number Speci	BION). [Two EI	oodies IgA BMZ	BP BP 180 23	 Col			
	00-0000 00/00)/00 IgG ME NA IgG SS NA	IgA ME NA IgA SS NA	78	2 NA			
	00-0000 00/00	0/00 IgG ME NA	IgA ME NA	85	2 NA			

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F231000023 WX0000003827 Printed D&T: 09/28/23 11:01 Ordered By: KAJAL SITWALA, MD, PhD WX0000000002365



EXAMPLE, REPORT W WX0000003827 M 07/08/1978 45 Y

				Refe	rral Tes	ting					
					Collected:	08/31/20	23 1	1:03	Received:	08/31/2023	11:03
Test Name				<u>Result</u>		Flag	<u>R</u>	ef-Ranges	<u> </u>	<u>Jnits</u>	<u>Site</u>
	00-0000	00/00/00	IgG ME NA IgG SS NA		ME NA SS NA	59	1	NA			
	00-00000	00/00/00	IgG ME NA IgG SS NA	-	ME NA SS NA	51	3	NA			
	00-00000	00/00/00	IgG ME NA IgG SS NA	-	ME NA SS NA	80	4	NA			
	00-0000	00/00/00	IgG ME NA IgG SS NA		ME NA SS NA	68	5	NA			
	00-0000	00/00/00	IgG ME NA IgG SS NA	-	ME NA SS NA	43	3	NA			
	ELIS	SA Referer	nce Ranges	:							
	IgG		2	0 Antibody							
	Incre) = Less th) = 9 U/mL							
	IaG	Tvpe VII	Collagen	Antibody Le	evel						
	5	Normal	(negative) d (H) (pos) = Less th itive) = 7- itive) = 9	nan 7 U/m -8 U/mL		r				
	Chart Key	/:									
	IgG BMZ	2		mbrane zone fluorescene		ntibodi	es b	ру			
	IgA BMZ	-		mbrane zone fluorescene		ntibodi	es b	ру			
	(pos			tive) or an er) on monl							
	SS = Anti (pos	ibody abse	ttern and	tive) or an endpoint t:							
	sı r ot ir	ubstrate pemphigoio ther pemph ncluding 1	(IgG - pem d, some mu nigoid var	on (roof) o phigoid ind cous membra iants; IgA bullous de	cluding b ane pemph - linear	ullous igoid, IgA di	seas				
				(floor) on	split sk	in subs	trat	te			

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EXAMPLE, REPORT W WX0000003827 M 07/08/1978 45 Y

	Deferred Testing				
	Referral Testing Collected: 08/31/2023 11:	1.03	Popping	08/31/2023	11.02
<u>Test Name</u>	ResultFlagRed(IgG - epidermolysis bullosa acquisita, bullous lupus erythematosus, anti-laminin-332 pemphigoid, anti-p200 (laminin gamma-1) pemphigoid, other rare pemphigoid subtypes; IgA - linear IgA disease 	ef-Ranges		<u>Jnits</u>	Site
	<pre>BP180 = IgG BP180 antibody level (U/mL) by ELISA BP230 = IgG BP230 antibody level (U/mL) by ELISA Col VII = IgG Collagen VII antibody level (U/mL) by ELISA</pre>	1			
	NA = Not Assayed				
	Electronically signed by Performed At: IMMUNODERMATOLOGY LABORATORY 417 S. WAKARA WAY, SUITE 2151 SALT LAKE CITY, UT 84108 Medical Director: KRISTIN M. LEIFERMAN, MD CLIA Number: 46D0681916				
EER Bullou	Is Pemphigoid Antigens, IgG See Note				ARRL
	Authorized individuals can access the ARUP Enhanced Report using the following link:				
	Performed By: ARUP Laboratories 500 Chipeta Way Salt Lake City, UT 84108 Laboratory Director: Jonathan R. Genzen, MD, PhD CLIA Number: 46D0523979				
				Perfor	ming Site:
	ARRL: ARUP REFE			,	
	Reported Dat	ate: 2023	8.09.28	11:01 BP	•
LAB: L - LOW	, H - HIGH, AB - ABNORMAL, C - CRITICAL, NOT TESTED				

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Kajal V. Sitwala, MD, PhD - Medical Director Form: MM RL1 PAGE 5 OF 5