

Laboratory Report	Name:	Name:			
	HN:		DOB :		
Lab Episode Number:	Age:		Sex:		
	Order Date:		Time:		
Station:					
Order Owner:					
Clinical Genomics					
APOE Genotype (Risk for Alzh	eimer Disease)				
AFOL Genotype (Misk Iol Alzi	leimer Disease)				
pecimen No.23098502-1: Collected 0	9/05/2023 15:55. Received	1 09/05/2023 15:5	6. EDTA Blood 3	ml (R&D)	
avender Top	5/05/2025 15155/ Heccived	2 00,00,2020 1010	o, 20 // Dioou 9 /		
est	Result	Flag	Units	Ref. Range	
POE Genotype	e4/e4	-			
POL Genotype	24/24				
Additional Information APOE Genotype (Risk for Alzheimer Disease) test is Thermo Fisher Scientific, Waltham, MA) for the qual The test was utilized to identify the three common / Rare variants may be present that could lead to fals test assay.	itative detection of APOE rs429358 (NAPOE alleles (e2, e3, and e4). If no de	IG_007084.2:g.7903T>C), etectable APOE variant is fo	and APOE rs7412 (NG_0 ound, a presumed e3/e3	07084.2:g.8041C>T) genotype is assigned	
1. This is not a diagnostic test. Test results should be environmental factors and personal variables.	e interpreted in the context of clinical	findings, family history, an	d other laboratory data.	Please consider the	
2.APOE Alzheimer's Risk genotyping test is not reco	mmended for children.				
3. This method may affect the recipient's genotype in	-	-		row transplantation.	
			other diseases.		
			or the nationts and other	family members	
		-	-	-	
	Trevenuve Genomics and Family Che	in up services, burningid	a memanonai nospilai a	ar 02-011- <del>1</del> 090 Ul	
7. This test was developed and its performance char	acteristics determined by Bumrungrad	I International Hospital Lab	oratory in a manner con	sistent with CAP	
requirements. This test has not been cleared or app		-			
The test was utilized to identify the three common A Rare variants may be present that could lead to fals	APOE alleles (e2, e3, and e4). If no de	etectable APOE variant is fo	ound, a presumed e3/e3	genotype is assi	
'	mmended for children				
		blood transferring an all -	unneig blood en bene men		
3. This method may affect the recipient's genotype in	n patients who received heterologous	blood transfusions or allog	eneic blood or bone mar	row transplantation.	
4. The interpretation is associated with Alzheimer's r	isk only and should not be used to de	termine the relative risk of	other diseases.		
5. Misinterpretation of test result may occur if the in	formation provided is incomplete or in	accurate.			
6.Genetic counseling is recommended to help under	stand the test result and explain the i	mplications of this result for	or the patients and other	family members.	
-		-	-		
For inquiries or genetic consultation, please contact	Preventive Genomics and Family Chee	ck-up Services, Bumrungra	d International Hospital	at 02-011-4890 or	
02-011-4891.					
	- Anticipation of the Decomposition of the Decompos	Tubamaking I I and the 199		cistant with CAD	
7. This test was developed and its performance char	acteristics determined by Bumrungrad	i international Hospital Lab	poratory in a manner con	sistent with CAP	
requirements. This test has not been cleared or app	roved by the U.S. Food and Drug Adn	ninistration.			
requirements. This test has not been cleared of app					
References					
1.Goldman JS, Hahn SE, Catania JW, et al. Genetic c	ounseling and testing for Alzheimer di	isease: joint practice quide	lines of the American Co	llege of Medical Cap	
		isease: joint practice guide	nines of the American Co	lege of medical Gene	
and the National Society of Genetic Counselors. Gen	et Med. 2011 Jun;13(6):597-605.				
2.Van Cauwenberghe C, Van Broeckhoven C, Sleege	rs K. The genetic landscape of Alzhein	ner disease: clinical implica	ations and perspectives.	Genet Med. 2016	
May;18(5):421-30.					
3.Li Z, Shue F, Zhao N, et al. APOE2: protective mec	hanism and thorapoutic implications f	or Alzheimer's disease Mo	Nourodogonor 2020 No	v 4.1E(1).62	

**Comment:** Test results should always be used in conjunction with the patient's medical history, clinical examination and other findings. **Remark:** c means correction.

 
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