



Sample Information

Patient Name: 楊子萱
Gender: Female
ID No.: C220689986
History No.: 28639023
Age: 54

Ordering Doctor: DOC2095G 蔡宜芳
Ordering REQ.: D725C2H
Signing in Date: 2022/09/28

Path No.: S111-97914
MP No.: BR22053
Assay: Oncomine BRCA1/2 Assay
Sample Type: Blood
Date of blood drawing: 2022/09/12

Reporting Doctor: DOC5424G 彭昱璟 (Phone: 8#5424)

Note:

Sample Cancer Type: Breast Cancer

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Relevant Biomarkers

No clinically significant biomarkers found in this sample.

Variant Details

DNA Sequence Variants								
Gene	Amino Acid Change	Coding	Locus	Allele Frequency	Transcript	Variant Effect	ClinVar ¹	Coverage
BRCA2	p.(?)	c.-26G>A	chr13:32890572	99.95%	NM_000059.3	unknown	Benign	3998
BRCA2	p.(K1132=)	c.3396A>G	chr13:32911888	99.70%	NM_000059.3	synonymous	Benign	3999
BRCA2	p.(L1521=)	c.4563A>G	chr13:32913055	99.97%	NM_000059.3	synonymous	Benign	3065
BRCA2	p.(V2171=)	c.6513G>C	chr13:32915005	99.95%	NM_000059.3	synonymous	Benign	3999
BRCA2	p.(S2414=)	c.7242A>G	chr13:32929232	99.72%	NM_000059.3	synonymous	Benign	3999
BRCA2	p.(V2466A)	c.7397T>C	chr13:32929387	99.77%	NM_000059.3	missense	Benign	3888
BRCA1	p.(S1613G)	c.4837A>G	chr17:41223094	49.85%	NM_007294.4	missense	Benign	3990

¹ Based on Clinvar version 20200329

Variant Details (continued)

DNA Sequence Variants (continued)

Gene	Amino Acid Change	Coding	Locus	Allele Frequency	Transcript	Variant Effect	ClinVar ¹	Coverage
BRCA1	p.(S1436=)	c.4308T>C	chr17:41234470	49.03%	NM_007294.4	synonymous	Benign	3512
BRCA1	p.(K1183R)	c.3548A>G	chr17:41244000	50.67%	NM_007294.4	missense	Benign	4000
BRCA1	p.(E1038G)	c.3113A>G	chr17:41244435	52.78%	NM_007294.4	missense	Benign	4000
BRCA1	p.(P871L)	c.2612C>T	chr17:41244936	51.36%	NM_007294.4	missense	Benign	3999
BRCA1	p.(L771=)	c.2311T>C	chr17:41245237	50.59%	NM_007294.4	synonymous	Benign	3993
BRCA1	p.(S694=)	c.2082C>T	chr17:41245466	52.00%	NM_007294.4	synonymous	Benign	3998

¹ Based on Clinvar version 20200329

Signatures

Testing Personnel:

Laboratory Supervisor:

Pathologist: