



Sample Information

Patient Name: 楊璵禎
Gender: Female
ID No.: F223204335
History No.: 47643914
Age: 49

Ordering Doctor: DOC2419D 謝宗諺
Ordering REQ.: 0CFWRHU
Signing in Date: 2023/02/15

Path No.: M112-00028
MP No.: BR23008
Assay: Oncomine BRCA1/2 Assay
Sample Type: Blood
Date of blood drawing: 2023/02/08

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	4000
BRCA2	p.(K1132=)	c.3396A>G	chr13:32911888	99.47%	NM_000059.3	synonymous	Benign	3996
BRCA2	p.(L1521=)	c.4563A>G	chr13:32913055	99.93%	NM_000059.3	synonymous	Benign	1441
BRCA2	p.(V2171=)	c.6513G>C	chr13:32915005	99.97%	NM_000059.3	synonymous	Benign	2976
BRCA2	p.(S2414=)	c.7242A>G	chr13:32929232	99.50%	NM_000059.3	synonymous	Benign	2216
BRCA2	p.(V2466A)	c.7397T>C	chr13:32929387	99.87%	NM_000059.3	missense	Benign	1564
BRCA1	p.(S1613G)	c.4837A>G	chr17:41223094	99.97%	NM_007294.4	missense	Benign	3997

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	99.61%	NM_007294.4	synonymous	Benign	2829
BRCA1	p.(K1183R)	c.3548A>G	chr17:41244000	99.52%	NM_007294.4	missense	Benign	3997
BRCA1	p.(E1038G)	c.3113A>G	chr17:41244435	99.30%	NM_007294.4	missense	Benign	3707
BRCA1	p.(P871L)	c.2612C>T	chr17:41244936	99.65%	NM_007294.4	missense	Benign	3999
BRCA1	p.(L771=)	c.2311T>C	chr17:41245237	99.80%	NM_007294.4	synonymous	Benign	1481
BRCA1	p.(S694=)	c.2082C>T	chr17:41245466	99.77%	NM_007294.4	synonymous	Benign	3992

¹ Based on Clinvar version 20200329

Signatures

Testing Personnel:

Laboratory Supervisor:

Pathologist: