



Sample Information

Patient Name: 吳麗  
Gender: Female  
ID No.: G222037046  
History No.: 42485847  
Age: 24

Ordering Doctor: DOC2987C 林燕淑  
Ordering REQ.: D718LM5  
Signing in Date: 2022/07/28

Path No.: S111-97807  
MP No.: BR22046  
Assay: Oncomine BRCA1/2 Assay  
Sample Type: Blood  
Date of blood drawing: 2022/07/21

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 <sup>1</sup>	Coverage
BRCA2	p.(?)	c.-26G>A	chr13:32890572	99.95%	NM_000059.3	unknown	Benign	3997
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	3986
BRCA2	p.(V2171=)	c.6513G>C	chr13:32915005	100.00%	NM_000059.3	synonymous	Benign	3999
BRCA2	p.(S2414=)	c.7242A>G	chr13:32929232	99.55%	NM_000059.3	synonymous	Benign	3998
BRCA2	p.(V2466A)	c.7397T>C	chr13:32929387	99.92%	NM_000059.3	missense	Benign	3996
BRCA1	p.(S1613G)	c.4837A>G	chr17:41223094	48.76%	NM_007294.4	missense	Benign	3991

<sup>1</sup> Based on Clinvar version 20200329

## Variant Details (continued)

### DNA Sequence Variants (continued)

Gene	Amino Acid Change	Coding	Locus	Allele Frequency	Transcript	Variant Effect	ClinVar <sup>1</sup>	Coverage
BRCA1	p.(S1436=)	c.4308T>C	chr17:41234470	50.00%	NM_007294.4	synonymous	Benign	4000
BRCA1	p.(K1183R)	c.3548A>G	chr17:41244000	50.40%	NM_007294.4	missense	Benign	4000
BRCA1	p.(E1038G)	c.3113A>G	chr17:41244435	51.55%	NM_007294.4	missense	Benign	4000
BRCA1	p.(P871L)	c.2612C>T	chr17:41244936	47.46%	NM_007294.4	missense	Benign	3997
BRCA1	p.(L771=)	c.2311T>C	chr17:41245237	51.61%	NM_007294.4	synonymous	Benign	3997
BRCA1	p.(S694=)	c.2082C>T	chr17:41245466	49.01%	NM_007294.4	synonymous	Benign	3997

<sup>1</sup> Based on Clinvar version 20200329

## Signatures

Testing Personnel:

Laboratory Supervisor:

Pathologist: