

# Summary Report

Created by: EndoPredict Report Generator®



EndoPredict®

Breast Cancer Prognostic Test

Sample name: **Sample 1**

Note:

User name:

Report created: **2025-05-19 06:44 PM (CEST)**

## Test result

EPclin Risk Score: n/a

EPclin Risk Class: Unknown

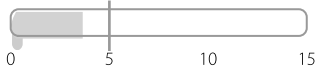
EPclin Risk Score can only be calculated if tumor size and nodal status have been entered.

## Additional information

12-Gene Molecular Score: 3.7

Tumor size: Unknown

Nodal status: Unknown



### Tumor size

		pT1ab (≤1cm)	pT1c (>1cm but ≤2cm)	pT2 (>2cm but ≤5cm)	pT3 (>5cm)
Nodal status	all lymph nodes negative	<b>EPclin: 2.0</b> <b>Low</b> DRR: 3% (95% CI: 2% - 4%) CB: 0% (95% CI: 1% - 0%)	<b>EPclin: 2.4</b> <b>Low</b> DRR: 4% (95% CI: 3% - 6%) CB: 1% (95% CI: 1% - 0%)	<b>EPclin: 2.7</b> <b>Low</b> DRR: 6% (95% CI: 4% - 8%) CB: 1% (95% CI: 2% - 1%)	<b>EPclin: 3.1</b> <b>Low</b> DRR: 8% (95% CI: 6% - 10%) CB: 2% (95% CI: 3% - 2%)
	1 to 3 positive lymph nodes (incl. pN1mic)	<b>EPclin: 2.7</b> <b>Low</b> DRR: 5% (95% CI: 4% - 7%) CB: 1% (95% CI: 1% - 1%)	<b>EPclin: 3.0</b> <b>Low</b> DRR: 8% (95% CI: 6% - 10%) CB: 2% (95% CI: 2% - 2%)	<b>EPclin: 3.4</b> <b>High</b> DRR: 10% (95% CI: 9% - 13%) CB: 3% (95% CI: 4% - 3%)	<b>EPclin: 3.7</b> <b>High</b> DRR: 14% (95% CI: 12% - 17%) CB: 5% (95% CI: 6% - 5%)
	4 to 10 positive lymph nodes	<b>EPclin: 3.32</b> <b>Low</b> DRR: 10% (95% CI: 8% - 12%) CB: 3% (95% CI: 3% - 3%)	<b>EPclin: 3.7</b> <b>High</b> DRR: 14% (95% CI: 11% - 16%) CB: 5% (95% CI: 5% - 5%)	<b>EPclin: 4.0</b> <b>High</b> DRR: 19% (95% CI: 16% - 22%) CB: 8% (95% CI: 8% - 8%)	<b>EPclin: 4.4</b> <b>High</b> DRR: 25% (95% CI: 21% - 30%) CB: 11% (95% CI: 11% - 12%)
	more than 10 positive lymph nodes	<b>EPclin: 4.0</b> <b>High</b> DRR: 18% (95% CI: 15% - 21%) CB: 7% (95% CI: 7% - 7%)	<b>EPclin: 4.3</b> <b>High</b> DRR: 24% (95% CI: 20% - 28%) CB: 11% (95% CI: 10% - 11%)	<b>EPclin: 4.7</b> <b>High</b> DRR: 32% (95% CI: 27% - 38%) CB: 15% (95% CI: 14% - 16%)	<b>EPclin: 5.0</b> <b>High</b> DRR: 42% (95% CI: 35% - 50%) CB: 20% (95% CI: 18% - 22%)

DRR: Distant recurrence risk within years 0-10

CB: Absolute chemotherapy benefit at 10 years

Authorized signature

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## Export file information

**PCR instrument:** QuantStudio™ 5 Dx Real-Time PCR Instrument  
**PCR run name:** Example File  
**PCR run end time:** 2024-05-24 08:25 PM (CEST)  
**Test definition name:** EndoPredict DUO Test QS5 Dx  
**Test definition version:** 1-1

## Reagent information

Extraction method used: Maxwell® Kit (Maxwell® CSC RNA FFPE Kit or Maxwell® RSC RNA FFPE Kit)

	Shelf life*	Lot no.	Date of expiry
EndoPredict plate	✓	D50664D	2025-09-30
qREF	✓	Q169M	2025-11-30
TaqOne	✓	TP10090	2025-08-31
qPCR-H2O	✓	H147E	2025-09-30

\*checked against internal database

## Quality control summary

Sample quality/information	✗	2 problems identified. See messages below.
Positive controls	✓	
Negative controls	✓	
Lots	✓	

## Remarks (web interface)

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Ct values												
	1	2	3	4	5	6	7	8	9	10	11	12
A	AZGP1 A	BIRC5 A	OAZ1 A	DHCR7 A	IL6ST A	MGP A	CALM2 A	RBBP8 A	STC2 A	UBE2C A	RPL37A A	HBB A
	23.52	32.73	24.61	28.36	25.32	20.52	23.61	28.05	25.19	30.10	21.26	No Ct
B	AZGP1 A	BIRC5 A	OAZ1 A	DHCR7 A	IL6ST A	MGP A	CALM2 A	RBBP8 A	STC2 A	UBE2C A	RPL37A A	HBB A
	23.41	32.02	24.63	28.05	25.38	20.36	23.68	28.03	25.14	30.11	21.23	No Ct
C	AZGP1 A	BIRC5 A	OAZ1 A	DHCR7 A	IL6ST A	MGP A	CALM2 A	RBBP8 A	STC2 A	UBE2C A	RPL37A A	HBB A
	23.37	32.15	24.53	28.47	25.22	20.61	23.60	28.05	25.12	30.10	21.23	No Ct
D	HBB POS	BIRC5 POS	OAZ1 POS	DHCR7 POS	IL6ST POS	MGP POS	CALM2 POS	RBBP8 POS	STC2 POS	UBE2C POS	RPL37A POS	AZGP1 POS
	29.92	24.32	21.42	24.20	24.98	26.49	20.63	25.67	24.73	23.00	18.50	26.51
E	AZGP1 NEG	BIRC5 NEG	OAZ1 NEG	DHCR7 NEG	IL6ST NEG	MGP NEG	CALM2 NEG	RBBP8 NEG	STC2 NEG	UBE2C NEG	RPL37A NEG	HBB NEG
	No Ct	No Ct	No Ct	No Ct	No Ct	No Ct	No Ct	No Ct	No Ct	No Ct	No Ct	No Ct
F	AZGP1 B	BIRC5 B	OAZ1 B	DHCR7 B	IL6ST B	MGP B	CALM2 B	RBBP8 B	STC2 B	UBE2C B	RPL37A B	HBB B
G	AZGP1 B	BIRC5 B	OAZ1 B	DHCR7 B	IL6ST B	MGP B	CALM2 B	RBBP8 B	STC2 B	UBE2C B	RPL37A B	HBB B
H	AZGP1 B	BIRC5 B	OAZ1 B	DHCR7 B	IL6ST B	MGP B	CALM2 B	RBBP8 B	STC2 B	UBE2C B	RPL37A B	HBB B

Controls			
Name	Positive controls (POS)		Negative controls (NEG)
	Ct	Limits	Ct
AZGP1	26.51	(25.19 - 28.03)	No Ct
BIRC5	24.32	(21.95 - 26.76)	No Ct
DHCR7	24.20	(23.09 - 25.73)	No Ct
IL6ST	24.98	(22.94 - 25.97)	No Ct
MGP	26.49	(24.69 - 28.07)	No Ct
RBBP8	25.67	(24.15 - 27.31)	No Ct
STC2	24.73	(23.16 - 26.47)	No Ct
UBE2C	23.00	(21.33 - 24.62)	No Ct
CALM2	20.63	(19.52 - 22.11)	No Ct
OAZ1	21.42	(19.79 - 23.26)	No Ct
RPL37A	18.50	(17.41 - 19.65)	No Ct
HBB	29.92	(27.65 - 32.82)	No Ct
Sample HBB			No Ct
Total RNA	23.15	(19.00 - 27.00)	
value out of specification		outlier	

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## Messages

### [No]\* Message

[S07] The tumor size is missing.

[S08] The nodal status is missing.

\*You can find further information under the given [No.] in the software manual (see the section "Downloads" on the EP Report Generator website).