



Referrer Dr Stephen M Bourne

Address DR STEPHEN BOURNE SPEC SUITES FRED MCKAY HOUSE SU
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TUGUN QLD 4224

Phone 0755080022

Lab ID 535105917

DOB 03/08/1967 (58 Yrs MALE)

Your ref.

Address 10 SUMACH PL
PALM BEACH QLD 4221

Phone 0408781861

Copy to Dr Suzanne E Blum (0756061759)
JOHN FLYNN HOSPITAL DAY SURGERY (0755989000)

Requested 07/08/2025

Clinical Notes

Collected 07/08/2025 00:00

Received 07/08/2025 15:01

Specimen No : 311313-25BR

DIAGNOSTIC SUMMARY

SYNOPTIC REPORT FOR PROSTATE BIOPSIES

Tumour type: Prostatic acinar adenocarcinoma
Number of specimens positive/total: 6/22
Highest individual specimen Gleason score: 3 + 4 = 7
Grade Group (highest score): 2
Global % High grade (patterns 4 and/or 5): 20%
Intraductal carcinoma: Not identified
Cribriform pattern carcinoma: Not identified
Perineural invasion: Present
Extraprostatic extension: Not identified
Vascular space invasion: Not identified

Reported by Dr Melissa Engler (Enquiries (07) 3377 8538)
12/08/2025

A copy of this report will be sent to the Cancer Registry.

Clinical Notes: Prostate biopsy. Increased PSA.

Macroscopic:

1. B1 1/2: Three cores of cream tissue 3mm, 2mm and 1mm. 1A in total.
2. B2: One core of cream tissue measuring 10mm in length. 2A in total.
3. b1: One core of cream tissue measuring 7mm in length plus additional fragments 1mm in aggregate. 3A in total.
4. b2 1/2: One core of cream tissue measuring 15mm in length. 4A in total.
5. C1 1/2: Three cores of cream tissue 2mm, 12mm and 8mm. 5A in total.
6. C2: One core of cream tissue measuring 12mm in length. 6A in total.
7. C3: One core of cream tissue measuring 20mm. 7A in total.
8. c1: One core of cream tissue measuring 14mm in length. 8A in total.
9. c2 1/2: Three cores of cream tissue 2mm, 4mm and 5mm. 9A in total.
10. c3 1/2: One core of cream tissue measuring 12mm in length. 10A in total.

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11. D1 1/2: One core of cream tissue measuring 14mm in length. 11A in total.
12. d1: Two cores of cream tissue 2mm and 9mm. 12A in total.
13. d2 1/2: One core of cream tissue measuring 15mm in length. 13A in total.
14. d3 1/2: One core of cream tissue measuring 18mm in length. 14A in total.
15. E1 1/2: One core of cream tissue measuring 12mm in length. 15A in total.
16. E2: One core of cream tissue measuring 12mm in length. 16A in total.
17. E3: Two cores of cream tissue 7mm and 3mm. 17A in total.
18. e1: One core of cream tissue measuring 4mm in length plus additional fragments 2mm in aggregate. 18A in total.
19. e2 1/2: Two cores of cream tissue 8mm and 5mm. 19A in total.
20. F1 1/2: Two cores of cream tissue 4mm and 3mm plus additional fragments 1mm in aggregate. 20A in total.
21. F2: One core of cream tissue measuring 7mm in length plus additional fragments 1mm in aggregate. 21A in total.
22. Lesion R peripheral zone: 16 cores of cream tissue 4mm, 8mm, 8mm, 4mm, 8mm, 3mm, 1mm, 3mm, 14mm, 7mm, 14mm, 13mm, 5mm, 3mm, 3mm and 5mm. plus additional fragments 3mm in aggregate. 22A - 22D four cores each; 22E fragments; in total.

Microscopic:

1. B1 1/2: The sections show prostatic tissue with a 0.2mm focus of atypical glands. Immunohistochemical staining for HMWCK/p63 shows an absence of basal cell staining within the atypical glandular focus. There is weak cytoplasmic staining for AMACR (a-Methylacyl Co-A Racemase). The features are insufficient for a definitive diagnosis of prostatic adenocarcinoma and should be regarded as a focus of atypical glands.

2. B2: The sections show prostatic tissue with a 0.5mm focus of atypical glands. Immunohistochemical staining for HMWCK/p63 shows an absence of basal cell staining within the atypical glandular focus. There is weak cytoplasmic staining for AMACR (a-Methylacyl Co-A Racemase). The overall features are in keeping with Gleason score 3 + 3 = 6 prostatic adenocarcinoma.

3. b1: The sections show prostatic tissue with a 0.5mm focus of atypical glands. Immunohistochemical staining for HMWCK/p63 shows an absence of basal cell staining within the atypical glandular focus. The overall features are in keeping with Gleason score 3 + 3 = 6 prostatic adenocarcinoma. Perineural invasion is present.

4. b2 1/2: The sections show a focus of high grade prostatic intraepithelial neoplasia (high grade PIN).

5. C1 1/2: The sections show Gleason score 3 + 4 = 7 prostatic adenocarcinoma involving 3mm of one of the tissue cores, amounting to 15% of the total prostatic tissue length. Perineural invasion is present.



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6. C2: The sections show benign prostatic tissue.
7. C3: The sections show benign prostatic tissue. Mild active chronic inflammation is present.
8. c1: The sections show benign prostatic tissue.
9. c2 1/2: The sections show prostatic tissue with a focus of atypical glands. Immunohistochemical staining for HMWCK/p63 shows an absence of basal cell staining within the atypical glandular focus. There is moderate cytoplasmic staining for AMACR (a-Methylacyl Co-A Racemase). The overall features are in keeping with Gleason score 3 + 3 = 6 prostatic adenocarcinoma, involving 1mm of one of the cores, amounting to 10% of the total prostatic tissue length.
10. c3 1/2: The sections show benign prostatic tissue.
11. D1 1/2: The sections show benign prostatic tissue. Mild active chronic inflammation is present.
12. d1: The sections show benign prostatic tissue.
13. d2 1/2: The sections show benign prostatic tissue.
14. d3 1/2: The sections show benign prostatic tissue.
15. E1 1/2: The sections show benign prostatic tissue. Mild active chronic inflammation is present.
16. E2: The sections show benign prostatic tissue. Mild active chronic inflammation is present.
17. E3: The sections show prostatic tissue with a focus of atypical glands. Immunohistochemical staining for HMWCK/p63 shows an absence of basal cell staining within the atypical glandular focus. There is weak cytoplasmic staining for AMACR (a-Methylacyl Co-A Racemase). The features are insufficient for a definitive diagnosis of prostatic adenocarcinoma and should be regarded as a focus of atypical glands.
18. e1: The sections show benign prostatic tissue.
19. e2 1/2: The sections show a focus of high grade prostatic intraepithelial neoplasia (high grade PIN).
20. F1 1/2: The sections show benign prostatic tissue. Mild active chronic inflammation is present.
21. F2: The sections show Gleason score 3 + 3 = 6 prostatic adenocarcinoma involving 2.5mm / 30% of the tissue core.
22. Lesion R peripheral zone: The sections show Gleason score 3 + 4 = 7 prostatic adenocarcinoma involving 17mm in aggregate of nine of the tissue cores, amounting to 20% of the total prostatic tissue length. High grade prostatic intraepithelial neoplasia is also seen.

- End of Report -



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