

## MGHS Test Change Implementation Notice

New Test

### PROSTATE SPECIFIC ANTIGEN (PSA), TOTAL AND FREE, SERUM

|                    |  |                   |       |
|--------------------|--|-------------------|-------|
| Profile Code:      | PSAFT  |                   |       |
| Schedule:          | Monday - Saturday                            |                   |       |
| Testing Time:      | 1 Day  |                   |       |
| Methodology:       | Dual Monoclonal Chemiluminescent Immunoassay |                   |       |
| Test Number:       | 1274   |                   |       |
| Performing Lab:    | Mayo   |                   |       |
| Component Name:    | Code   | Reference Range   | CPT   |
| Total PSA          | TPSA   | 0.00 – 0.14 ng/mL | 84153 |
| Free PSA           | FPSA   | n/a               | 84154 |
| Free PSA/PSA Ratio | RATI   | n/a               | n/a   |

**Interpretive Text:**

About 25% of asymptomatic men older than 50 years and PSA values of 4-10 ng/mL have prostate cancer, compared with about 12% for those with PSA values of 2.0 - 3.9 ng/mL. Free PSA can help classify these men into subgroups with higher or lower cancer rates:

|                     | Free/Total Ratio | Cancer Rate |
|---------------------|------------------|-------------|
| PSA 4 - 10 ng/mL    | < 0.10           | > 40 %      |
|                     | > 0.25           | < 10 %      |
| PSA 2.0 - 3.9 ng/mL | < 0.10           | > 30 %      |
|                     | > 0.18           | < 10 %      |

The testing method is an Immunoenzymatic assay manufactured by Beckman Coulter Inc. and performed on the Unicel DXI 800. Values obtained with different assay methods or kits may be different and cannot be used interchangeably. Test results cannot be interpreted as absolute evidence for the presence or absence of malignant disease.