

## FUNCTIONAL BLOOD PANEL COMPARISON CHART

|                                  | BP006         | BP007         | BP008           | BP009                  | BP011                     | BP016            | BP024                                  |
|----------------------------------|---------------|---------------|-----------------|------------------------|---------------------------|------------------|--|
|                                  | Functional BC | Metab Balance | Functional Plus | Functional BP Advanced | Functional Platinum Panel | Platinum Plus FX | Functional Stress and Resilience Panel |
| <b>Full Blood Count</b>          |               |               |                 |                        |                           |                  |  |
| RBC                              | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| HGB                              | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| MCV                              | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| MCH                              | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| MCHC                             | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| RDW-SD                           | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| RDW-CV                           | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
|                                  |               |               |                 |                        |                           |                  |  |
| WBC                              | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| NEUT %                           | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| LYM%                             | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| MONO%                            | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| EOS%                             | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| BASO%                            | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
|                                  |               |               |                 |                        |                           |                  |  |
| PLT                              | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| MPV                              | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| PDW                              | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| PCT                              | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| P-LCR                            | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
|                                  |               |               |                 |                        |                           |                  |  |
| <b>Biochemistry</b>              |               |               |                 |                        |                           |                  |  |
| Glucose                          | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| HbA1c                            |               |               | ✓               | ✓                      | ✓                         | ✓                |  |
| Iron                             | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Total cholesterol                | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Triglycerides                    | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| HDL-C                            | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| LDL-C                            | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| VLDL calculated                  |               |               |                 |                        | ✓                         | ✓                |  |
| TC/HDL ratio                     | ✓             | ✓             | ✓               |                        | ✓                         | ✓                |  |
| Non-HDL (calc)                   | ✓             |               |                 |                        |                           |                  |  |
| Alkaline phosphatase (ALP)       | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Aspartate aminotransferase (AST) | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| Alanine aminotransferase (ALT)   | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| Gamma-glutamyltransferase (GGT)  | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Total protein                    | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Albumin                          | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Globulin (calculated)            | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| IgG                              |               |               |                 |                        | ✓                         | ✓                |  |
| IgM                              |               |               |                 |                        | ✓                         | ✓                |  |
| IgA                              |               |               |                 |                        | ✓                         | ✓                |  |
| Total bilirubin                  | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Direct bilirubin                 |               | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Indirect bilirubin               |               | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Sodium                           | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Potassium                        | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Chloride                         | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Urea                             | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Creatinine                       | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| eGFR                             | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |

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|-----------------------------|---------------|---------------|-----------------|------------------------|---------------------------|------------------|--|
|                             | Functional BC | Metab Balance | Functional Plus | Functional BP Advanced | Functional Platinum Panel | Platinum Plus FX | Functional Stress and Resilience Panel |
| <b>Biochemistry cont.</b>   |               |               |                 |                        |                           |                  |  |
| Uric acid                   | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Calcium                     | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Phosphate (inorganic)       | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Magnesium                   | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                | ✓                                      |
| Creatinine kinase (CK)      |               | ✓             |                 |                        | ✓                         | ✓                |  |
| Alfa-amylase                |               | ✓             |                 |                        | ✓                         | ✓                |  |
| Lipase                      |               | ✓             |                 |                        | ✓                         | ✓                |  |
| Lactate dehydrogenase (LDH) | ✓             | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| CRP                         |               | ✓             |                 | ✓                      |                           |                  |  |
| hsCRP                       |               |               |                 | ✓                      | ✓                         | ✓                |  |
| Bicarbonate                 |               | ✓             | ✓               | ✓                      | ✓                         | ✓                |  |
| Ceruloplasmin               |               |               |                 |                        |                           |                  | ✓                                      |
| Anion gap (calc)            |               | ✓             |                 | ✓                      | ✓                         | ✓                |  |

| <b>Endocrinology</b>            |   |   |   |   |   |   |   |
|---------------------------------|---|---|---|---|---|---|---|
| TSH                             | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| ft3                             | ✓ |   | ✓ | ✓ | ✓ | ✓ | ✓ |
| ft4                             | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| T3                              | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |   |
| T4                              | ✓ |   |   | ✓ | ✓ | ✓ |   |
| T uptake                        |   |   | ✓ |   | ✓ | ✓ |   |
| rT3                             |   |   |   |   | ✓ | ✓ |   |
| Anti-TPO                        |   |   | ✓ | ✓ | ✓ | ✓ |   |
| Anti-TG                         |   |   | ✓ | ✓ | ✓ | ✓ |   |
| Homocysteine                    |   |   | ✓ | ✓ | ✓ | ✓ | ✓ |
| C-peptide                       |   |   |   | ✓ | ✓ | ✓ |   |
| Insulin                         |   |   | ✓ | ✓ |   | ✓ |   |
| Vitamin D (25-OH)               |   |   | ✓ | ✓ | ✓ | ✓ | ✓ |
| Active B12                      |   |   |   |   |   | ✓ |   |
| Progesterone                    |   |   |   | ✓ |   |   |   |
| Estradiol (E2)                  |   |   |   | ✓ |   |   |   |
| Testosterone                    |   |   |   | ✓ |   |   |   |
| Free Testosterone               |   |   |   |   |   |   |   |
| SHBG                            |   |   |   | ✓ |   |   |   |
| DHEA-S                          |   |   |   | ✓ |   |   |   |
| Prostate specific antigen (PSA) |   |   |   | ✓ |   |   |   |
| ESR                             | ✓ | ✓ |   | ✓ | ✓ | ✓ |   |
| Ferritin                        | ✓ |   | ✓ | ✓ | ✓ | ✓ |   |
| Fibrinogen                      |   |   |   | ✓ | ✓ | ✓ |   |
| Transferrin                     |   |   |   | ✓ | ✓ | ✓ |   |
| UIBC                            | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |   |
| TIBC (calc)                     | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |   |
| Transferrin sat (calc)          |   |   |   |   | ✓ | ✓ |   |
| Vitamin B12                     |   |   | ✓ | ✓ | ✓ | ✓ | ✓ |
| Folate                          |   |   |   | ✓ | ✓ | ✓ | ✓ |
| D-dimer                         |   |   |   |   |   |   | ✓ |

| <b>Immunology</b> |  |  |  |  |   |   |  |
|-------------------|--|--|--|--|---|---|--|
| IgE               |  |  |  |  | ✓ | ✓ |  |

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| <b>Special Pathology</b> |               |               |                 |                        |                           |                  |  |
| Red cell magnesium       |               |               |                 |                        |                           |                  | ✓                                      |
| Reticulocytes %          |               |               |                 |                        |                           | ✓                |  |
| Reticulocytes #          |               |               |                 |                        |                           | ✓                |  |
| Vitamin B6               |               |               |                 |                        |                           |                  | ✓                                      |
| Copper                   |               |               |                 |                        |                           | ✓                | ✓                                      |
| Selenium                 |               |               |                 |                        |                           | ✓                |  |
| Diamine Oxidase Activity |               |               |                 |                        |                           |                  | ✓                                      |
| Histamine                |               |               |                 |                        |                           |                  | ✓                                      |
| Red cell zinc            |               |               |                 |                        |                           |                  | ✓                                      |

**Add-ons for our blood panels include:**

| Test code | Name                                    |  |
|-----------|---|--|
| BP012     | RevT3                                   | can be added to BP006, BP007, BP008 and BP009 (included in BP011, BP016 and BP024) |
| BP013     | Insulin Add on                          | can be added to BP006, BP007 or BP011 (included in BP008, BP009, BP016 and BP024)  |
| BP014     | Parathyroid Add on only                 | can be added to any panel  |
| BP019     | Homocysteine                            | can be added to BP006 or BP007 (included in BP008, BP009, BP011, BP016 and BP024)  |
| BP023     | TSH receptor antibodies (TRAb)          | can be added to any panel  |
| BP011AO   | Oestradiol and progesterone ADD-ON ONLY | to add oestrogen and progesterone to BP011   |
| BP016AO   | Platinum Plus FX- Add-on only           | to add testosterone, free testosterone and SHBG to BP016                           |
| BP025A0   | Add-ON only Mini Hormone Panel          | to add FSH, LH and rT3 to any panel  |

See our **Thyroid Panel Comparison Chart** for our thyroid testing options

Also available:

**BP030 Female Blood Hormone Panel** (LH, FSH, Prolactin, Progesterone, Estradiol, Testosterone, SHBG and DHEA-S, cortisol, Somatomedin-C (IGF-1), Testosterone free, DHT)

**BP031 Male Blood Hormone Panel** (LH, FSH, Prolactin, Progesterone, Estradiol, Testosterone, SHBG and DHEA-S, cortisol, Somatomedin-C (IGF-1), PSA, DHT, DHEA)