

## Blood Gas Venous

<b>Synonyms</b>	Venous blood gas, VBG												
<b>Abbreviation</b>	Venous BG												
<b>Specimen type</b>	Whole blood, venous												
<b>Container</b>	Li Heparin tube (green)												
<b>Volume</b>	1.0 mL Minimum: 0.5 mL												
<b>Collection requirements</b>	Avoid introduction of air to tube; mix well. If analysis will be delayed >30 min, place on ice.												
<b>S/H instructions</b>	Place on ice if testing delayed >30 min.												
<b>Stability</b>	30 min at room temp												
<b>Reference range</b>	<table border="1"><thead><tr><th>Assay</th><th>Ref Range</th></tr></thead><tbody><tr><td>pH</td><td>7.31 – 7.41</td></tr><tr><td>pCO<sub>2</sub></td><td>41 - 51 mmHg</td></tr><tr><td>HCO<sub>3</sub></td><td>23 – 28 mEq/L</td></tr><tr><td>pO<sub>2</sub></td><td>35.0 –40.0 mmHg</td></tr><tr><td>O<sub>2</sub> sat</td><td>75 – 75%</td></tr></tbody></table>	Assay	Ref Range	pH	7.31 – 7.41	pCO <sub>2</sub>	41 - 51 mmHg	HCO <sub>3</sub>	23 – 28 mEq/L	pO <sub>2</sub>	35.0 –40.0 mmHg	O <sub>2</sub> sat	75 – 75%
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<b>Routine / STAT T.A.T</b>	Within 4 hours / 1 hour												
<b>Section</b>	Chem												
<b>LAB code</b>	01990												