

Expected Ranges Chart

| Blood Gas/ISE Analyzer | pH | | | pCO ₂ mmHg | | | pO ₂ mmHg | | | Na ⁺ mmol/L | | | K ⁺ mmol/L | | | Ca ⁺⁺ mmol/L | | | Cl ⁻ mmol/L | | | Li ⁺ mmol/L | | |
|--|-------|-------|-------|-----------------------|------|------|----------------------|-----|-----|------------------------|-----|-----|-----------------------|------|------|-------------------------|------|------|------------------------|-----|-----|------------------------|------|------|
| | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max | Mean | Min | Max |
| Diamond PROLYTE | | | | | | | | | | 138 | 134 | 142 | 4.63 | 4.42 | 4.84 | | | | 97 | 93 | 102 | 1.38 | 1.30 | 1.46 |
| Diamond SMARTLYTE, GEMLYTE | | | | | | | | | | 136 | 132 | 140 | 4.04 | 3.86 | 4.22 | 1.09 | 1.01 | 1.17 | 97 | 92 | 101 | 1.16 | 1.09 | 1.23 |
| Diamond SMARTLYTE PLUS | | | | | | | | | | 136 | 132 | 140 | 4.46 | 4.26 | 4.66 | 1.17 | 1.08 | 1.26 | 96 | 92 | 100 | 1.18 | 1.11 | 1.25 |
| Eschweiler Combiline | 7.374 | 7.345 | 7.404 | 36.1 | 33.8 | 38.5 | 144 | 134 | 154 | 147 | 143 | 152 | 4.49 | 4.28 | 4.69 | 1.12 | 1.03 | 1.20 | 106 | 101 | 111 | 1.22 | 1.15 | 1.30 |
| Eschweiler Combisys II | 7.374 | 7.345 | 7.404 | 32.8 | 30.7 | 34.9 | 145 | 135 | 155 | 147 | 143 | 152 | 4.49 | 4.28 | 4.69 | 1.12 | 1.03 | 1.20 | 106 | 101 | 111 | 1.22 | 1.15 | 1.30 |
| Eschweiler ECOLYTE | | | | | | | | | | 145 | 141 | 150 | 4.49 | 4.28 | 4.69 | 1.12 | 1.03 | 1.20 | 106 | 101 | 111 | 1.22 | 1.15 | 1.30 |
| Eschweiler ECOSYS II | 7.374 | 7.345 | 7.404 | 32.8 | 30.7 | 34.9 | 145 | 135 | 155 | | | | | | | | | | | | | | | |
| Fresenius Ionometer | | | | | | | | | | 143 | 139 | 148 | 4.17 | 3.98 | 4.36 | 1.08 | 1.00 | 1.16 | | | | | | |
| Medica EasyLyte Na/K, Na/K/Cl, Na/K/Li, Na/K/Cl/Li, Na/K/pH/Ca | 7.383 | 7.354 | 7.413 | | | | | | | 143 | 138 | 147 | 4.20 | 4.01 | 4.39 | 1.18 | 1.09 | 1.26 | 99 | 95 | 104 | 1.36 | 1.28 | 1.44 |
| Radiometer ABL 5 | 7.37 | 7.34 | 7.40 | 40.5 | 37.9 | 43.1 | 118 | 110 | 127 | | | | | | | | | | | | | | | |
| Radiometer ABL 50, 500, 505, 510, 520 | 7.365 | 7.336 | 7.395 | 41.1 | 38.5 | 43.8 | 141 | 131 | 151 | 140 | 136 | 145 | 4.23 | 4.04 | 4.42 | 1.02 | 0.94 | 1.10 | | | | | | |
| Radiometer ABL 555 | 7.362 | 7.333 | 7.392 | 41.5 | 38.8 | 44.2 | 139 | 129 | 149 | 147 | 142 | 151 | 4.22 | 4.03 | 4.41 | 1.06 | 0.98 | 1.14 | | | | | | |
| Radiometer ABL 70, 77 | 7.367 | 7.338 | 7.397 | 46.7 | 43.7 | 49.8 | 114 | 106 | 122 | 145 | 141 | 150 | 4.33 | 4.13 | 4.52 | 1.03 | 0.95 | 1.11 | 101 | 97 | 106 | | | |
| Radiometer ABL 600, 610, 620, EML-100 | 7.351 | 7.322 | 7.381 | 45.5 | 42.6 | 48.5 | 118 | 110 | 126 | 144 | 140 | 149 | 4.35 | 4.16 | 4.55 | 1.18 | 1.09 | 1.27 | 99 | 95 | 104 | | | |
| Radiometer ABL 705, 710, 715, 720, 725 | 7.351 | 7.322 | 7.381 | 47.8 | 44.7 | 50.9 | 113 | 105 | 121 | 142 | 138 | 146 | 4.24 | 4.05 | 4.43 | 1.06 | 0.98 | 1.14 | 103 | 98 | 107 | | | |
| Roche/AVL 990, 995 | 7.331 | 7.302 | 7.361 | 47.8 | 44.7 | 50.9 | 119 | 111 | 127 | 142 | 138 | 146 | 4.24 | 4.05 | 4.43 | 1.06 | 0.98 | 1.14 | 104 | 100 | 109 | | | |
| Roche/AVL 9110, 9140 | 7.351 | 7.322 | 7.381 | | | | | | | 140 | 136 | 145 | 4.21 | 4.02 | 4.40 | 1.08 | 1.00 | 1.16 | | | | | | |
| Roche AVL 9120, 9130 | | | | | | | | | | 142 | 138 | 147 | 4.14 | 3.95 | 4.33 | | | | 110 | 105 | 114 | | | |
| Roche/AVL 9180, 9181 | | | | | | | | | | 136 | 132 | 140 | 4.19 | 4.00 | 4.38 | 1.01 | 0.93 | 1.09 | 97 | 93 | 102 | 1.16 | 1.09 | 1.23 |
| Roche/AVL Cobas b 121 | 7.381 | 7.352 | 7.411 | 47.8 | 44.7 | 50.9 | 107 | 100 | 115 | 146 | 142 | 151 | 4.34 | 4.15 | 4.54 | 0.98 | 0.91 | 1.06 | 109 | 104 | 114 | | | |
| Roche/AVL Cobas b 221 | 7.371 | 7.342 | 7.401 | 47.8 | 44.7 | 50.9 | 106 | 99 | 114 | 146 | 142 | 151 | 4.34 | 4.15 | 4.54 | 0.98 | 0.91 | 1.06 | 109 | 104 | 114 | | | |
| Roche/AVL Compact Series | 7.341 | 7.312 | 7.371 | 48.8 | 45.7 | 52.0 | 119 | 111 | 127 | | | | | | | | | | | | | | | |
| Roche/AVL Cobas Mira ISE | | | | | | | | | | 144 | 140 | 149 | 4.27 | 4.08 | 4.47 | | | | 108 | 104 | 113 | | | |
| Siemens/Bayer 248 | 7.348 | 7.319 | 7.377 | 45.5 | 42.5 | 48.5 | 118 | 109 | 126 | | | | | | | | | | | | | | | |
| Siemens/Bayer 348 | 7.421 | 7.391 | 7.451 | 41.4 | 38.7 | 44.1 | 113 | 105 | 121 | 143 | 139 | 147 | 4.39 | 4.19 | 4.59 | 1.13 | 1.05 | 1.22 | 102 | 97 | 106 | | | |
| Siemens/Bayer 614, 634, 644, 654, 664 | 7.38 | 7.35 | 7.41 | | | | | | | 145 | 141 | 149 | 4.38 | 4.18 | 4.57 | 1.08 | 1.00 | 1.16 | 106 | 101 | 111 | 1.33 | 1.25 | 1.41 |
| Siemens/Bayer 840, 845, 850, 855, 860, 865 | 7.390 | 7.360 | 7.420 | 43.9 | 41.1 | 46.8 | 119 | 111 | 127 | 138 | 134 | 142 | 4.22 | 4.03 | 4.41 | 1.01 | 0.93 | 1.08 | 99 | 95 | 104 | | | |
| Siemens/Bayer RapidPoint 400, 405 | 7.375 | 7.346 | 7.405 | 47.8 | 44.7 | 50.9 | 117 | 109 | 125 | 140 | 136 | 144 | 4.24 | 4.05 | 4.43 | 1.06 | 0.98 | 1.14 | 107 | 102 | 112 | | | |

IVD
 For In Vitro Diagnostic Use
 In Vitro Diagnostikum
 Usage In Vitro
 Para Uso Diagnostico In Vitro
 Utilizar Appear sin Diagnostico In Vitro
 II in vitro diagnostikum
 仅供体外诊断使用
 仅限体外诊断使用

CE
 European Conformity
 CE-Konformitätskennzeichnung
 Conformité aux normes européennes
 Conformidad europea
 Conformidade com as normas europeias
 Europäisch übereinstimmende
 符合歐洲
 Европейский Адекватность

⚠
 Temperature Limit
 Temperaturlimit
 Limite de temperatura
 Limite de temperatura
 Limite de temperatura
 Temperaturgrenze
 測標溫度限制
 Температурные ограничения

📖
 Consult Instructions for Use
 Gebrauchsanweisung beachten
 Consulter la notice d'emploi
 Consulte las instrucciones de uso
 Consulte as instruções de utilização
 Szegő használati utasítás
 參閱說明書使用
 Инструкция по применению

LOT
 Lot Number
 Chargen-Nr.
 Numéro de lot
 Número de lote
 Batchnummer
 批号
 Номер партии

📅
 Use by (YYYY-MM-DD)
 Verwendbar bis (JJJJ-MM-TT)
 Date de péremption (AAAA-MM-JJ)
 User hasta el (AAAA-MM-DD)
 Utilizar até (AAAA-MM-DD)
 Användes till (AAAA-MM-DD)
 效期到(YYYY-MM-DD)
 Истощается для (год-месяц-день розлива)

🏭
 Manufactured by
 Hergestellt von
 Fabrique par
 Fabricado por
 Fabricado por
 Fremstillt af
 **製造
 ovasodittel

EC REP
 Authorized Representative
 Bevollmächtigter
 Représentant agréé
 Representante autorizado
 Autorisiertes repräsentant
 授权的代理
 Санкционированный представитель

REF
 Catalog Number
 Katalognummer
 Numéro de catalogue
 Número de catálogo
 Katalog
 产品编号
 Номер каталога