

KALAFONG CHEMISTRY LAB:TEST VOLUMES - APRIL 2021 - MARCH 2022 (Average total similar to 2022/2023)

| TEST | MONTHS | | | | | | | | | | | | TOTAL |
|----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| | Apr-21 | May-21 | Jun-21 | Jul-21 | Aug-21 | Sep-21 | Oct-21 | Nov-21 | Dec-21 | Jan-22 | Feb-22 | Mar-22 | AVERAGE |
| ACETAMINOPHEN (PARACETAMOL) | 64 | | 52 | 29 | 50 | 80 | 63 | 55 | 46 | 62 | 93 | 97 | 58 |
| ALANINE TRANSAMINASE (ALT) | 2795 | 3065 | 2912 | 2919 | 2815 | 2839 | 2947 | 3123 | 2464 | 2695 | 2966 | 3160 | 2892 |
| ALBUMIN | 2420 | 2754 | 2744 | 2687 | 2643 | 2629 | 2736 | 2895 | 2257 | 2478 | 2715 | 2939 | 2658 |
| ALKALINE PHOSPHATASE (ALP) | 2385 | 2768 | 2673 | 2707 | 2530 | 2531 | 2581 | 2773 | 2177 | 2375 | 2637 | 2836 | 2581 |
| AMYLASE | 129 | | 121 | 127 | 117 | 141 | 99 | 92 | 83 | 109 | 98 | 138 | 105 |
| ASPARTATE TRANSAMINASE (AST) | 2997 | 3443 | 3121 | 3271 | 2957 | 3104 | 3203 | 3236 | 2670 | 2848 | 3020 | 3463 | 3111 |
| BETA-HCG | 245 | | 226 | 240 | 278 | 317 | 296 | 294 | 211 | 233 | 284 | 249 | 239 |
| BICARBONATE | 5456 | 5769 | 5350 | 5775 | 5941 | 5846 | 6259 | 6219 | 4887 | 5460 | 5756 | 6295 | 5751 |
| CALCIUM | 2070 | 2417 | 2480 | 2390 | 2358 | 2229 | 2289 | 2307 | 1881 | 2158 | 2337 | 2551 | 2289 |
| CHLORIDE | 5979 | 5775 | 5355 | 5790 | 5947 | 5850 | 6260 | 6222 | 4889 | 5465 | 5754 | 6292 | 5798 |
| CONJUGATED BILIRUBIN (DBIL) | 3247 | 3501 | 3367 | 3410 | 3622 | 3539 | 3575 | 3708 | 3072 | 3181 | 3478 | 3717 | 3451 |
| CREATININE | 5735 | 6243 | 5633 | 6069 | 6160 | 6150 | 6507 | 6403 | 5081 | 5472 | 6022 | 6579 | 6005 |
| C-REACTIVE PROTEIN (CRP) | 3706 | 4133 | 3915 | 4335 | 4156 | 4163 | 4246 | 4237 | 3625 | 3793 | 3909 | 4441 | 4055 |
| CREATINE KINASE (CK) | 271 | 341 | 251 | 259 | 328 | 280 | 346 | 371 | 283 | 246 | 272 | 292 | 295 |
| CREATINE KINASE MB (CKMB) | 61 | 54 | 49 | 55 | 76 | 70 | 70 | 62 | 56 | 53 | 85 | 63 | 63 |
| FERRITIN | 372 | 384 | 378 | 393 | 426 | 464 | 443 | 472 | 360 | 465 | 485 | 481 | 427 |
| GAMMA-GLUTAMYL TRANSFERASE (GGT) | 2374 | 2756 | 2663 | 2676 | 2513 | 2512 | 2556 | 2752 | 2169 | 2362 | 2612 | 2816 | 2563 |
| GLUCOSE | 708 | 511 | 486 | 600 | 493 | 473 | 742 | 517 | 599 | 651 | 584 | 493 | 571 |
| GLYCATED HAEMOGLOBIN (HBA1C) | 1025 | 1127 | 1318 | 1499 | 1395 | 1300 | 1131 | 1074 | 778 | 1192 | 1314 | 1163 | 1193 |
| INORGANIC PHOSPHATE | 2080 | 2434 | 2502 | 2402 | 2363 | 2237 | 2301 | 2325 | 1895 | 2153 | 2342 | 2556 | 2299 |
| IRON | 354 | 638 | 352 | 356 | 412 | 457 | 436 | 459 | 352 | 457 | 468 | 474 | 435 |
| LACTATE DEHYDROGENASE (LD) | 823 | 876 | 705 | 866 | 731 | 828 | 912 | 767 | 642 | 579 | 532 | 786 | 754 |
| LIPID PROFILE | 729 | 848 | 959 | 943 | 938 | 290 | 338 | 810 | 564 | 985 | 927 | 929 | 772 |
| LIPASE | 162 | 166 | 129 | 155 | 156 | 159 | 146 | 164 | 121 | 140 | 126 | 155 | 148 |
| MAGNESIUM | 2063 | 2416 | 2471 | 2386 | 2351 | 2222 | 2280 | 2300 | 1876 | 2147 | 2333 | 2549 | 2283 |
| MYOGLOBIN | 172 | 206 | 130 | 113 | 147 | 141 | 109 | 148 | 99 | 90 | 82 | 85 | 127 |
| POTASSIUM | 5532 | 5832 | 5390 | 5829 | 6018 | 5906 | 6301 | 6247 | 4909 | 5602 | 5965 | 6424 | 5830 |
| PROCALCITONIN (PCT) | 498 | 601 | 519 | 599 | 472 | 430 | 532 | 475 | 444 | 465 | 396 | 569 | 500 |

| | | | | | | | | | | | | | |
|-----------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| PROSTATE SPECIFIC AG (PSA) | 207 | 221 | 192 | 174 | 236 | 205 | 189 | 206 | 155 | 162 | 233 | 212 | 199 |
| SALICYLATE | 50 | 67 | 38 | 19 | 32 | 65 | 51 | 43 | 31 | 46 | 69 | 68 | 48 |
| SERUM FOLATE | 223 | 239 | 225 | 224 | 260 | 314 | 273 | 325 | 263 | 328 | 333 | 344 | 279 |
| SODIUM | 5491 | 5802 | 5373 | 5802 | 5964 | 5858 | 6274 | 6233 | 4900 | 5479 | 5763 | 6318 | 5771 |
| THYROID STIMULATING HORMONE (TSH) | 1157 | 1304 | 1486 | 1437 | 1300 | 1484 | 1312 | 1418 | 1048 | 1185 | 1260 | 1244 | 1303 |
| THYROXINE (FREE T4) | 887 | 965 | 1088 | 1021 | 998 | 1221 | 1059 | 1227 | 893 | 985 | 1073 | 1049 | 1039 |
| TRANSFERRIN | 372 | 368 | 352 | 353 | 414 | 451 | 428 | 455 | 351 | 460 | 468 | 473 | 412 |
| TRI-IODO THYRONINE (FREE T3) | 695 | 761 | 878 | 818 | 790 | 953 | 921 | 1085 | 801 | 916 | 997 | 987 | 884 |
| TROPONIN I | 398 | 470 | 612 | 574 | 631 | 538 | 527 | 466 | 402 | 370 | 380 | 423 | 483 |
| TOTAL BILIRUBIN (TBIL) | 3391 | 3730 | 3645 | 3781 | 3715 | 3583 | 3664 | 3725 | 3176 | 3270 | 3581 | 3806 | 3589 |
| TOTAL CHOLESTEROL | 361 | 350 | 266 | 216 | 237 | 290 | 338 | 316 | 139 | 184 | 417 | 377 | 291 |
| TOTAL PROTEIN | 2369 | 2710 | 2687 | 2662 | 2530 | 2514 | 2584 | 2787 | 2187 | 2381 | 2636 | 2833 | 2573 |
| TRIGLYCERIDES | 329 | 313 | 215 | 194 | 213 | 282 | 333 | 312 | 127 | 166 | 393 | 341 | 268 |
| UREA | 5976 | 6426 | 5770 | 6284 | 6261 | 6248 | 6607 | 6596 | 5225 | 5861 | 6137 | 6823 | 6185 |
| URIC ACID | 99 | 93 | 78 | 91 | 99 | 83 | 79 | 102 | 73 | 93 | 110 | 77 | 90 |
| URINE CREATININE | 444 | 530 | 484 | 634 | 655 | 633 | 569 | 536 | 394 | 617 | 779 | 733 | 584 |
| URINE PROTEIN | 415 | 510 | 436 | 470 | 462 | 535 | 528 | 499 | 387 | 455 | 499 | 558 | 480 |
| VALPROATE (EPILIM) | 110 | 130 | 139 | 109 | 131 | 129 | 145 | 118 | 70 | 89 | 90 | 110 | 114 |
| VITAMIN B12 | 281 | 292 | 307 | 296 | 304 | 371 | 351 | 398 | 313 | 364 | 412 | 415 | 342 |
| TOTAL | 77707 | 84339 | 80522 | 84039 | 83625 | 82944 | 85936 | 87354 | 69425 | 77327 | 83222 | 89783 | 82185 |