



**cobas c 503 analyzer**

Please note that following data have been modified or added.

|                |                  |                   |              |
|----------------|------------------|-------------------|--------------|
| <b>LIPC</b>    | <b>ACN 20850</b> | <b>Page 2</b>     | <b>Ver.7</b> |
| <b>ISE CI</b>  | <b>ACN 29091</b> | <b>Page 3</b>     | <b>Ver.7</b> |
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\* not for use in the USA

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## Lipase colorimetric assay

cobas c 503 analyzer

REF 08057982190, System-ID 2085 001

LIP: ACN 20850

| LOT                                  |         | e-BC Ver.  | U/L   |             |     | µKat/L |               |       |
|--------------------------------------|---------|--|-------|-------------|-----|--------|---------------|-------|
|                                      |         | c503   | Value | Range       | 1SD | Value  | Range         | 1SD   |
| <b>PreciControl ClinChem Multi 1</b> |         | REF 05947626190, 05117003190, 05117208922 (Q.C.S.) |       |             |     |        |               |       |
| 324196                               | 2021-04 | 7  | 44.4  | 36.3 - 52.5 | 2.7 | 0.741  | 0.609 - 0.873 | 0.044 |
| 324209                               | 2021-08 | 4  | 45.7  | 37.6 - 53.8 | 2.7 | 0.763  | 0.625 - 0.901 | 0.046 |
| 324213                               | 2021-07 | 2  | 47.7  | 39.0 - 56.4 | 2.9 | 0.797  | 0.653 - 0.941 | 0.048 |
| 324222                               | 2021-10 | 2  | 40.7  | 33.5 - 47.9 | 2.4 | 0.680  | 0.557 - 0.803 | 0.041 |
| 410037                               | 2022-07 | 2  | 44.6  | 36.5 - 52.7 | 2.7 | 0.745  | 0.610 - 0.880 | 0.045 |
| 410110                               | 2022-10 | 2  | 44.4  | 36.3 - 52.5 | 2.7 | 0.741  | 0.609 - 0.873 | 0.044 |
| 410119                               | 2023-01 | 2  | 43.5  | 35.7 - 51.3 | 2.6 | 0.726  | 0.594 - 0.858 | 0.044 |
| 461489                               | 2023-02 | 1  | 43.1  | 35.3 - 50.9 | 2.6 | 0.720  | 0.591 - 0.849 | 0.043 |
| 461490                               | 2023-02 | 2  | 43.1  | 35.3 - 50.9 | 2.6 | 0.720  | 0.591 - 0.849 | 0.043 |
| <b>PreciControl ClinChem Multi 1</b> |         | REF 05947626160                                    |       |             |     |        |               |       |
| 324209                               | 2021-08 | 3  | 45.7  | 37.6 - 53.8 | 2.7 | 0.763  | 0.625 - 0.901 | 0.046 |
| 410037                               | 2022-07 | 3  | 44.6  | 36.5 - 52.7 | 2.7 | 0.745  | 0.610 - 0.880 | 0.045 |
| 410110                               | 2022-10 | 3  | 44.4  | 36.3 - 52.5 | 2.7 | 0.741  | 0.609 - 0.873 | 0.044 |

# ISE indirect Na-K-Cl for Gen.2



## ISE indirect Na-K-Cl for Gen.2

cobas c 503 analyzer

**REF** 08392013190

**ISE CL-U:** ACN 29091

**ISE K-U:** ACN 29081

**ISE NA-U:** ACN 29071

No longer contained in following controls:

|            |  |                  |
|------------|--|------------------|
| <b>LOT</b> |  | <b>e-BC Ver.</b> |
|            |  | <b>c503</b>      |

**PreciControl ClinChem Multi 1**

**REF** 05947626190, 05117003190, 05117208922 (Q.C.S.)

|        |         |    |
|--------|---------|----|
| 250241 | 2020-11 | 11 |
| 250254 | 2020-10 | 10 |
| 324196 | 2021-04 | 7  |
| 324209 | 2021-08 | 4  |
| 324213 | 2021-07 | 2  |
| 324222 | 2021-10 | 2  |
| 410037 | 2022-07 | 2  |
| 410110 | 2022-10 | 2  |

**PreciControl ClinChem Multi 2**

**REF** 05947774190, 05117216190, 05117291922 (Q.C.S.)

|        |         |   |
|--------|---------|---|
| 250267 | 2020-11 | 9 |
| 250280 | 2020-12 | 7 |
| 324345 | 2021-04 | 3 |
| 324348 | 2021-04 | 2 |
| 410030 | 2022-06 | 2 |
| 410044 | 2022-07 | 2 |
| 410045 | 2022-07 | 2 |
| 410105 | 2022-10 | 2 |

|            |  |                  |
|------------|--|------------------|
| <b>LOT</b> |  | <b>e-BC Ver.</b> |
|            |  | <b>c503</b>      |

**Precinorm U plus** **REF** 12149435122

|        |         |   |
|--------|---------|---|
| 362745 | 2021-05 | 2 |
| 423927 | 2022-02 | 2 |

**Precinorm U plus** **REF** 12149435160

|        |         |   |
|--------|---------|---|
| 362745 | 2021-05 | 2 |
| 423926 | 2022-02 | 2 |

**Precipath U plus** **REF** 12149443122

|        |         |   |
|--------|---------|---|
| 305640 | 2021-05 | 2 |
| 423932 | 2022-02 | 2 |

**Precipath U plus** **REF** 12149443160

|        |         |   |
|--------|---------|---|
| 305640 | 2021-05 | 2 |
| 423932 | 2022-02 | 2 |

# ALP2




## Alkaline Phosphatase acc. to IFCC Gen.2 (Schumann)

**cobas c 503** analyzer


**REF** 08056757190, System-ID 2011 001

**ALP2:** ACN 20110

| <b>LOT</b> |  | <b>e-BC Ver.</b> | <b>U/L</b>        | <b>µKat/L</b>     |
|------------|---|------------------|-------------------|-------------------|
|            |   | <b>c503</b>      | Calibration Value | Calibration Value |

**Calibrator for automated systems** **REF** 10759350190

|        |         |   |     |      |
|--------|---------|---|-----|------|
| 399938 | 2020-07 | 4 | 257 | 4.29 |
| 399940 | 2020-07 | 3 | 257 | 4.29 |
| 324129 | 2021-01 | 3 | 275 | 4.59 |
| 324130 | 2021-01 | 3 | 276 | 4.61 |
| 324131 | 2021-01 | 3 | 289 | 4.83 |
| 324132 | 2021-01 | 3 | 285 | 4.76 |
| 324133 | 2021-01 | 2 | 278 | 4.64 |
| 324134 | 2021-01 | 2 | 285 | 4.76 |
| 324142 | 2021-01 | 2 | 282 | 4.71 |
| 324143 | 2021-01 | 2 | 274 | 4.58 |
| 324144 | 2021-01 | 2 | 286 | 4.78 |
| 324145 | 2021-01 | 2 | 289 | 4.83 |
| 324146 | 2021-01 | 2 | 275 | 4.59 |
| 324147 | 2021-01 | 4 | 285 | 4.76 |
| 324155 | 2021-04 | 3 | 241 | 4.02 |
| 324156 | 2021-04 | 2 | 251 | 4.19 |
| 324157 | 2021-04 | 2 | 252 | 4.21 |
| 324158 | 2021-04 | 2 | 257 | 4.29 |
| 324159 | 2021-04 | 2 | 253 | 4.23 |
| 324160 | 2021-04 | 2 | 253 | 4.23 |

| LOT |  | e-BC Ver. | U/L               | $\mu$ Kat/L       |
|-----|---|-----------|-------------------|-------------------|
|     |   | c503      | Calibration Value | Calibration Value |

**Calibrator for automated systems** REF 10759350190

|        |         |   |     |      |
|--------|---------|---|-----|------|
| 391514 | 2021-12 | 2 | 227 | 3.79 |
| 391515 | 2021-12 | 2 | 236 | 3.94 |
| 391516 | 2021-12 | 2 | 231 | 3.86 |
| 410063 | 2021-12 | 2 | 225 | 3.76 |
| 410064 | 2021-12 | 1 | 229 | 3.82 |
| 410065 | 2021-12 | 1 | 238 | 3.97 |
| 410066 | 2021-12 | 1 | 237 | 3.96 |
| 410067 | 2021-12 | 1 | 236 | 3.94 |
| 410068 | 2021-12 | 1 | 242 | 4.04 |

**Calibrator for automated systems** REF 10759350360

|        |         |   |     |      |
|--------|---------|---|-----|------|
| 324174 | 2020-11 | 2 | 256 | 4.28 |
| 324175 | 2020-11 | 3 | 245 | 4.09 |
| 324176 | 2020-11 | 2 | 247 | 4.12 |
| 324177 | 2020-11 | 2 | 241 | 4.02 |
| 391517 | 2021-08 | 2 | 239 | 3.99 |
| 391518 | 2021-08 | 2 | 242 | 4.04 |
| 391519 | 2021-08 | 2 | 238 | 3.97 |
| 410974 | 2022-01 | 2 | 240 | 4.01 |
| 410975 | 2022-01 | 2 | 241 | 4.02 |

| LOT |  | e-BC Ver. | U/L   |       |     | μKat/L |       |     |
|-----|--|-----------|-------|-------|-----|--------|-------|-----|
|     |  | c503      | Value | Range | 1SD | Value  | Range | 1SD |

**PreciControl ClinChem Multi 1** REF 05947626190, 05117003190, 05117208922 (Q.C.S.)

|        |         |    |      |              |     |      |             |      |
|--------|---------|----|------|--------------|-----|------|-------------|------|
| 250241 | 2020-11 | 11 | 112  | 91 - 133     | 7   | 1.87 | 1.54 - 2.20 | 0.11 |
| 250254 | 2020-10 | 10 | 112  | 91 - 133     | 7   | 1.87 | 1.54 - 2.20 | 0.11 |
| 324196 | 2021-04 | 7  | 108  | 90 - 126     | 6   | 1.80 | 1.47 - 2.13 | 0.11 |
| 324209 | 2021-08 | 4  | 110  | 89 - 131     | 7   | 1.84 | 1.51 - 2.17 | 0.11 |
| 324213 | 2021-07 | 2  | 114  | 93 - 135     | 7   | 1.90 | 1.57 - 2.23 | 0.11 |
| 324222 | 2021-10 | 2  | 111  | 90 - 132     | 7   | 1.85 | 1.52 - 2.18 | 0.11 |
| 410037 | 2022-07 | 2  | 96.8 | 79.4 - 114.2 | 5.8 | 1.62 | 1.32 - 1.92 | 0.10 |
| 410110 | 2022-10 | 2  | 111  | 90 - 132     | 7   | 1.85 | 1.52 - 2.18 | 0.11 |
| 410119 | 2023-01 | 2  | 109  | 88 - 130     | 7   | 1.82 | 1.49 - 2.15 | 0.11 |
| 461489 | 2023-02 | 1  | 104  | 86 - 122     | 6   | 1.74 | 1.44 - 2.04 | 0.10 |
| 461490 | 2023-02 | 2  | 108  | 90 - 126     | 6   | 1.80 | 1.47 - 2.13 | 0.11 |

**PreciControl ClinChem Multi 1** REF 05947626160

|        |         |   |      |              |     |      |             |      |
|--------|---------|---|------|--------------|-----|------|-------------|------|
| 250241 | 2020-11 | 3 | 112  | 91 - 133     | 7   | 1.87 | 1.54 - 2.20 | 0.11 |
| 250254 | 2020-10 | 3 | 112  | 91 - 133     | 7   | 1.87 | 1.54 - 2.20 | 0.11 |
| 324209 | 2021-08 | 3 | 110  | 89 - 131     | 7   | 1.84 | 1.51 - 2.17 | 0.11 |
| 410037 | 2022-07 | 3 | 96.8 | 79.4 - 114.2 | 5.8 | 1.62 | 1.32 - 1.92 | 0.10 |
| 410110 | 2022-10 | 3 | 111  | 90 - 132     | 7   | 1.85 | 1.52 - 2.18 | 0.11 |

**PreciControl ClinChem Multi 2** REF 05947774190, 05117216190, 05117291922 (Q.C.S.)

|        |         |   |     |           |    |      |             |      |
|--------|---------|---|-----|-----------|----|------|-------------|------|
| 250267 | 2020-11 | 9 | 238 | 196 - 280 | 14 | 3.97 | 3.25 - 4.69 | 0.24 |
| 250280 | 2020-12 | 7 | 235 | 193 - 277 | 14 | 3.92 | 3.20 - 4.64 | 0.24 |
| 324345 | 2021-04 | 3 | 243 | 198 - 288 | 15 | 4.06 | 3.34 - 4.78 | 0.24 |
| 324348 | 2021-04 | 2 | 218 | 179 - 257 | 13 | 3.64 | 2.98 - 4.30 | 0.22 |
| 410030 | 2022-06 | 2 | 236 | 194 - 278 | 14 | 3.94 | 3.22 - 4.66 | 0.24 |
| 410032 | 2022-06 | 1 | 247 | 202 - 292 | 15 | 4.12 | 3.37 - 4.87 | 0.25 |
| 410044 | 2022-07 | 2 | 240 | 198 - 282 | 14 | 4.01 | 3.29 - 4.73 | 0.24 |
| 410045 | 2022-07 | 2 | 251 | 206 - 296 | 15 | 4.19 | 3.44 - 4.94 | 0.25 |
| 410076 | 2022-11 | 2 | 232 | 190 - 274 | 14 | 3.87 | 3.18 - 4.56 | 0.23 |
| 410105 | 2022-10 | 2 | 250 | 205 - 295 | 15 | 4.18 | 3.43 - 4.93 | 0.25 |
| 461595 | 2023-01 | 1 | 232 | 190 - 274 | 14 | 3.87 | 3.18 - 4.56 | 0.23 |
| 461597 | 2023-01 | 1 | 241 | 199 - 283 | 14 | 4.02 | 3.30 - 4.74 | 0.24 |

**PreciControl ClinChem Multi 2** REF 05947774160

|        |         |   |     |           |    |      |             |      |
|--------|---------|---|-----|-----------|----|------|-------------|------|
| 250267 | 2020-11 | 3 | 238 | 196 - 280 | 14 | 3.97 | 3.25 - 4.69 | 0.24 |
| 250280 | 2020-12 | 3 | 235 | 193 - 277 | 14 | 3.92 | 3.20 - 4.64 | 0.24 |
| 324345 | 2021-04 | 3 | 243 | 198 - 288 | 15 | 4.06 | 3.34 - 4.78 | 0.24 |
| 324348 | 2021-04 | 3 | 218 | 179 - 257 | 13 | 3.64 | 2.98 - 4.30 | 0.22 |
| 410105 | 2022-10 | 3 | 250 | 205 - 295 | 15 | 4.18 | 3.43 - 4.93 | 0.25 |

# CRP4



## Tina-quant C-Reactive Protein IV

cobas c 503 analyzer

08057591 190, System-ID 2050 001

CRP4X: ACN 20501

| LOT |  | e-BC Ver. | mg/L              | nmo/L             | mg/dL             |
|-----|--|-----------|-------------------|-------------------|-------------------|
|     |  | c503      | Calibration Value | Calibration Value | Calibration Value |

**C.f.a.s. Proteins, No. 11355279 160**

| LOT    | Exp.    | e-BC Ver. | mg/L | nmo/L | mg/dL |
|--------|---------|-----------|------|-------|-------|
| 312505 | 2020-07 | 2         | 99.0 | 942   | 9.90  |
| 366488 | 2021-03 | 2         | 93.1 | 886   | 9.31  |
| 416859 | 2022-03 | 2         | 97.3 | 926   | 9.73  |

| LOT |  | e-BC Ver. | mg/L  |       |     | nmo/L |       |     | mg/dL |       |     |
|-----|--|-----------|-------|-------|-----|-------|-------|-----|-------|-------|-----|
|     |  | c503      | Value | Range | 1SD | Value | Range | 1SD | Value | Range | 1SD |

**PreciControl ClinChem Multi 1, No. 05947626 160**

| LOT    | Exp.    | e-BC Ver. | mg/L                   | nmo/L                 | mg/dL                     |
|--------|---------|-----------|------------------------|-----------------------|---------------------------|
| 250241 | 2020-11 | 2         | 8.96 7.16 - 10.76 0.60 | 85.3 68.2 - 102.4 5.7 | 0.896 0.716 - 1.076 0.060 |
| 250254 | 2020-10 | 2         | 9.53 7.61 - 11.45 0.64 | 90.7 72.7 - 108.7 6.0 | 0.953 0.761 - 1.145 0.064 |
| 324209 | 2021-08 | 2         | 10.2 8.1 - 12.3 0.7    | 97.1 77.6 - 116.6 6.5 | 1.02 0.81 - 1.23 0.07     |
| 410037 | 2022-07 | 2         | 9.68 7.73 - 11.63 0.65 | 92.2 73.9 - 110.5 6.1 | 0.968 0.773 - 1.163 0.065 |
| 410110 | 2022-10 | 2         | 9.66 7.74 - 11.58 0.64 | 92.0 73.7 - 110.3 6.1 | 0.966 0.774 - 1.158 0.064 |

**PreciControl ClinChem Multi 2, No. 05947774 160**

| LOT    | Exp.    | e-BC Ver. | mg/L                 | nmo/L            | mg/dL                 |
|--------|---------|-----------|----------------------|------------------|-----------------------|
| 250267 | 2020-11 | 2         | 54.3 43.5 - 65.1 3.6 | 517 415 - 619 34 | 5.43 4.35 - 6.51 0.36 |
| 250280 | 2020-12 | 2         | 51.1 40.9 - 61.3 3.4 | 486 390 - 582 32 | 5.11 4.09 - 6.13 0.34 |
| 324345 | 2021-04 | 2         | 53.3 42.5 - 64.1 3.6 | 507 405 - 609 34 | 5.33 4.25 - 6.41 0.36 |
| 324348 | 2021-04 | 2         | 53.3 42.5 - 64.1 3.6 | 507 405 - 609 34 | 5.33 4.25 - 6.41 0.36 |
| 410105 | 2022-10 | 2         | 52.3 41.8 - 62.8 3.5 | 498 399 - 597 33 | 5.23 4.18 - 6.28 0.35 |

**Precinorm Protein, No. 10557897 160**

| LOT    | Exp.    | e-BC Ver. | mg/L                | nmo/L          | mg/dL                 |
|--------|---------|-----------|---------------------|----------------|-----------------------|
| 427322 | 2022-03 | 2         | 11.2 9.1 - 13.3 0.7 | 107 86 - 128 7 | 1.12 0.91 - 1.33 0.07 |

**Precipath Protein, No. 11333127 160**

| LOT    | Exp.    | e-BC Ver. | mg/L                 | nmo/L            | mg/dL                 |
|--------|---------|-----------|----------------------|------------------|-----------------------|
| 272990 | 2020-07 | 3         | 57.1 45.7 - 68.5 3.8 | 544 436 - 652 36 | 5.71 4.57 - 6.85 0.38 |
| 391706 | 2021-07 | 3         | 56.7 45.3 - 68.1 3.8 | 540 432 - 648 36 | 5.67 4.53 - 6.81 0.38 |

# ALBP



## Albumin BCP

cobas c 503 analyzer

08056714 190, System-ID 2010 001

**ALBP:** ACN 20100

| LOT  |         | e-BC Ver. | g/L   |             |     | µmol/L |            |     | g/dL  |             |      |
|--|---------|-----------|-------|-------------|-----|--------|------------|-----|-------|-------------|------|
|  |         | c503      | Value | Range       | 1SD | Value  | Range      | 1SD | Value | Range       | 1SD  |
| <b>Precinorm Protein, No. 10557897 122</b> |         |           |       |             |     |        |            |     |       |             |      |
| 294543                                     | 2020-05 | 6         | 41.2  | 33.7 - 48.7 | 2.5 | 626    | 512 - 740  | 38  | 4.12  | 3.37 - 4.87 | 0.25 |
| 427322                                     | 2022-03 | 2         | 41.6  | 34.1 - 49.1 | 2.5 | 632    | 518 - 746  | 38  | 4.16  | 3.41 - 4.91 | 0.25 |
| <b>Precipath Protein, No. 11333127 122</b> |         |           |       |             |     |        |            |     |       |             |      |
| 272990                                     | 2020-07 | 6         | 79.0  | 64.9 - 93.1 | 4.7 | 1200   | 990 - 1410 | 70  | 7.90  | 6.49 - 9.31 | 0.47 |
| 391706                                     | 2021-07 | 3         | 79.2  | 64.8 - 93.6 | 4.8 | 1200   | 990 - 1410 | 70  | 7.92  | 6.48 - 9.36 | 0.48 |



# CRP4



## Tina-quant C-Reactive Protein IV

cobas c 503 analyzer

08057591 190, System-ID 2050 001

CRP4: ACN 20500 \*

| LOT |  | e-BC Ver. | mg/L              | nmol/L            | mg/dL             |
|-----|--|-----------|-------------------|-------------------|-------------------|
|     |  | c503      | Calibration Value | Calibration Value | Calibration Value |

C.f.a.s. Proteins, No. 11355279 216

|        |         |   |      |     |      |
|--------|---------|---|------|-----|------|
| 277906 | 2020-03 | 6 | 99.4 | 946 | 9.94 |
| 312505 | 2020-07 | 6 | 99.0 | 942 | 9.90 |
| 336551 | 2021-01 | 4 | 92.5 | 881 | 9.25 |
| 366488 | 2021-03 | 3 | 93.1 | 886 | 9.31 |

| LOT |  | e-BC Ver. | mg/L |       |       | nmol/L |       |       | mg/dL |       |       |
|-----|--|-----------|------|-------|-------|--------|-------|-------|-------|-------|-------|
|     |  |           | c503 | Value | Range | 1SD    | Value | Range | 1SD   | Value | Range |

PreciControl ClinChem Multi 1, No. 05947626 190, 05117003 190, 05117208 922 (Q.C.S.)

|        |         |    |      |              |      |      |              |     |       |               |       |
|--------|---------|----|------|--------------|------|------|--------------|-----|-------|---------------|-------|
| 250241 | 2020-11 | 10 | 8.96 | 7.16 - 10.76 | 0.60 | 85.3 | 68.2 - 102.4 | 5.7 | 0.896 | 0.716 - 1.076 | 0.060 |
| 250254 | 2020-10 | 9  | 9.53 | 7.61 - 11.45 | 0.64 | 90.7 | 72.7 - 108.7 | 6.0 | 0.953 | 0.761 - 1.145 | 0.064 |
| 324196 | 2021-04 | 6  | 9.63 | 7.71 - 11.55 | 0.64 | 91.7 | 73.4 - 110.0 | 6.1 | 0.963 | 0.771 - 1.155 | 0.064 |
| 324209 | 2021-08 | 3  | 10.2 | 8.1 - 12.3   | 0.7  | 97.1 | 77.6 - 116.6 | 6.5 | 1.02  | 0.81 - 1.23   | 0.07  |
| 324213 | 2021-07 | 1  | 9.89 | 7.91 - 11.87 | 0.66 | 94.2 | 75.3 - 113.1 | 6.3 | 0.989 | 0.791 - 1.187 | 0.066 |
| 324222 | 2021-10 | 1  | 10.2 | 8.1 - 12.3   | 0.7  | 97.1 | 77.6 - 116.6 | 6.5 | 1.02  | 0.81 - 1.23   | 0.07  |

PreciControl ClinChem Multi 2, No. 05947774 190, 05117216 190, 05117291 922 (Q.C.S.)

|        |         |   |      |             |     |     |           |    |      |             |      |
|--------|---------|---|------|-------------|-----|-----|-----------|----|------|-------------|------|
| 250228 | 2020-06 | 9 | 54.8 | 43.7 - 65.9 | 3.7 | 522 | 417 - 627 | 35 | 5.48 | 4.37 - 6.59 | 0.37 |
| 250267 | 2020-11 | 8 | 54.3 | 43.5 - 65.1 | 3.6 | 517 | 415 - 619 | 34 | 5.43 | 4.35 - 6.51 | 0.36 |
| 250280 | 2020-12 | 6 | 51.1 | 40.9 - 61.3 | 3.4 | 486 | 390 - 582 | 32 | 5.11 | 4.09 - 6.13 | 0.34 |
| 324345 | 2021-04 | 2 | 53.3 | 42.5 - 64.1 | 3.6 | 507 | 405 - 609 | 34 | 5.33 | 4.25 - 6.41 | 0.36 |
| 324348 | 2021-04 | 1 | 53.3 | 42.5 - 64.1 | 3.6 | 507 | 405 - 609 | 34 | 5.33 | 4.25 - 6.41 | 0.36 |

Precinorm Protein, No. 10557897 122

|        |         |   |      |            |     |      |              |     |      |             |      |
|--------|---------|---|------|------------|-----|------|--------------|-----|------|-------------|------|
| 294543 | 2020-05 | 5 | 10.2 | 8.1 - 12.3 | 0.7 | 97.1 | 77.6 - 116.6 | 6.5 | 1.02 | 0.81 - 1.23 | 0.07 |
|--------|---------|---|------|------------|-----|------|--------------|-----|------|-------------|------|

Precipath Protein, No. 11333127 122

|        |         |   |      |             |     |     |           |    |      |             |      |
|--------|---------|---|------|-------------|-----|-----|-----------|----|------|-------------|------|
| 272990 | 2020-07 | 5 | 57.1 | 45.7 - 68.5 | 3.8 | 544 | 436 - 652 | 36 | 5.71 | 4.57 - 6.85 | 0.38 |
| 391706 | 2021-07 | 2 | 56.7 | 45.3 - 68.1 | 3.8 | 540 | 432 - 648 | 36 | 5.67 | 4.53 - 6.81 | 0.38 |

CRP T Control N, No. 20766321 322

|        |         |   |      |             |      |      |             |     |       |               |       |
|--------|---------|---|------|-------------|------|------|-------------|-----|-------|---------------|-------|
| 247474 | 2020-06 | 2 | 3.22 | 2.59 - 3.85 | 0.21 | 30.7 | 24.7 - 36.7 | 2.0 | 0.322 | 0.259 - 0.385 | 0.021 |
| 343029 | 2021-05 | 2 | 3.68 | 2.93 - 4.43 | 0.25 | 35.0 | 28.1 - 41.9 | 2.3 | 0.368 | 0.293 - 0.443 | 0.025 |
| 430859 | 2022-08 | 2 | 3.23 | 2.57 - 3.89 | 0.22 | 30.7 | 24.7 - 36.7 | 2.0 | 0.323 | 0.257 - 0.389 | 0.022 |

\* not for use in the USA

**ALTP2 \*****Alanine Aminotransferase acc. to IFCC II \***

cobas c 503 analyzer

08104697 190, System-ID 2014 001

**ALTP2: ACN 20140 \***

| LOT | e-BC Ver. | U/L               | $\mu\text{kat/L}$ |
|-----|-----------|-------------------|-------------------|
|     | c503      | Calibration Value | Calibration Value |

**C.f.a.s., No. 10759350** 190

|        |   |      |      |
|--------|---|------|------|
| 305586 | 4 | 90.2 | 1.51 |
| 324027 | 3 | 87.8 | 1.47 |
| 324028 | 3 | 87.8 | 1.47 |
| 324029 | 3 | 87.8 | 1.47 |
| 324030 | 3 | 87.8 | 1.47 |
| 324031 | 3 | 87.8 | 1.47 |
| 324115 | 3 | 91.0 | 1.52 |
| 324116 | 3 | 91.0 | 1.52 |
| 324117 | 2 | 91.0 | 1.52 |
| 324118 | 3 | 91.0 | 1.52 |
| 324119 | 2 | 91.0 | 1.52 |
| 324129 | 2 | 90.7 | 1.51 |
| 324130 | 2 | 90.7 | 1.51 |
| 324131 | 2 | 90.7 | 1.51 |
| 324132 | 2 | 90.7 | 1.51 |
| 324133 | 1 | 90.7 | 1.51 |
| 324134 | 1 | 90.7 | 1.51 |
| 324142 | 1 | 90.2 | 1.51 |
| 324143 | 1 | 90.2 | 1.51 |
| 324144 | 1 | 90.2 | 1.51 |
| 324145 | 1 | 90.2 | 1.51 |
| 324146 | 1 | 90.2 | 1.51 |
| 324147 | 3 | 90.2 | 1.51 |
| 324155 | 2 | 95.2 | 1.59 |
| 399938 | 2 | 90.4 | 1.51 |
| 399940 | 2 | 90.4 | 1.51 |

\* not for use in the USA

## ALTP2: ACN 20140 \*

| LOT   | e-BC Ver. | U/L   |       |   |      | µkat/L |       |       |     |       |       |
|---|-----------|-------|-------|---|------|--------|-------|-------|-----|-------|-------|
|   | c503      | Value | Range |   | 1SD  | Value  | Range |       | 1SD |       |       |
| <b>PreciControl ClinChem Multi 1, No. 05947626 190, 05117003 190, 05117208 922 (Q.C.S.)</b> |           |       |       |   |      |        |       |       |     |       |       |
| 250241  | 9         | 47.5  | 38.8  | - | 56.2 | 2.9    | 0.793 | 0.649 | -   | 0.937 | 0.048 |
| 250254  | 8         | 46.3  | 37.9  | - | 54.7 | 2.8    | 0.773 | 0.635 | -   | 0.911 | 0.046 |
| 324196  | 5         | 45.8  | 37.7  | - | 53.9 | 2.7    | 0.765 | 0.627 | -   | 0.903 | 0.046 |
| 324209  | 2         | 44.8  | 36.7  | - | 52.9 | 2.7    | 0.748 | 0.613 | -   | 0.883 | 0.045 |
| <b>PreciControl ClinChem Multi 2, No. 05947774 190, 05117216 190, 05117291 922 (Q.C.S.)</b> |           |       |       |   |      |        |       |       |     |       |       |
| 250228  | 8         | 120   | 99    | - | 141  | 7      | 2.00  | 1.64  | -   | 2.36  | 0.12  |
| 250267  | 7         | 116   | 95    | - | 137  | 7      | 1.94  | 1.58  | -   | 2.30  | 0.12  |
| 250280  | 5         | 118   | 97    | - | 139  | 7      | 1.97  | 1.61  | -   | 2.33  | 0.12  |

\* not for use in the USA

# ASTP2 \*



## Aspartate Aminotransferase acc. to IFCC II \*

cobas c 503 analyzer

08104719 190, System-ID 2023 001

ASTP2: ACN 20230 \*

| LOT | e-BC Ver. | U/L               | μkat/L            |
|-----|-----------|-------------------|-------------------|
|     | c503      | Calibration Value | Calibration Value |

C.f.a.s., No. 10759350 190

|        |   |     |      |
|--------|---|-----|------|
| 305586 | 4 | 105 | 1.75 |
| 324027 | 3 | 103 | 1.72 |
| 324028 | 3 | 103 | 1.72 |
| 324029 | 3 | 103 | 1.72 |
| 324030 | 3 | 103 | 1.72 |
| 324031 | 3 | 103 | 1.72 |
| 324115 | 3 | 107 | 1.79 |
| 324116 | 3 | 107 | 1.79 |
| 324117 | 2 | 107 | 1.79 |
| 324118 | 3 | 107 | 1.79 |
| 324119 | 2 | 107 | 1.79 |
| 324129 | 2 | 104 | 1.74 |
| 324130 | 2 | 104 | 1.74 |
| 324131 | 2 | 104 | 1.74 |
| 324132 | 2 | 104 | 1.74 |
| 324133 | 1 | 104 | 1.74 |
| 324134 | 1 | 104 | 1.74 |
| 324142 | 1 | 103 | 1.72 |
| 324143 | 1 | 103 | 1.72 |
| 324144 | 1 | 103 | 1.72 |
| 324145 | 1 | 103 | 1.72 |
| 324146 | 1 | 103 | 1.72 |
| 324147 | 3 | 103 | 1.72 |
| 324155 | 2 | 102 | 1.70 |
| 399938 | 2 | 104 | 1.74 |
| 399940 | 2 | 104 | 1.74 |

\* not for use in the USA

## ASTP2: ACN 20230 \*

| LOT   | e-BC Ver. | U/L   |       |   |      | µkat/L |       |       |     |       |       |
|---|-----------|-------|-------|---|------|--------|-------|-------|-----|-------|-------|
|   | c503      | Value | Range |   | 1SD  | Value  | Range |       | 1SD |       |       |
| <b>PreciControl ClinChem Multi 1, No. 05947626 190, 05117003 190, 05117208 922 (Q.C.S.)</b> |           |       |       |   |      |        |       |       |     |       |       |
| 250241  | 9         | 48.6  | 39.9  | - | 57.3 | 2.9    | 0.812 | 0.665 | -   | 0.959 | 0.049 |
| 250254  | 8         | 49.7  | 40.7  | - | 58.7 | 3.0    | 0.830 | 0.680 | -   | 0.980 | 0.050 |
| 324196  | 5         | 49.3  | 40.3  | - | 58.3 | 3.0    | 0.823 | 0.676 | -   | 0.970 | 0.049 |
| 324209  | 2         | 47.5  | 38.8  | - | 56.2 | 2.9    | 0.793 | 0.649 | -   | 0.937 | 0.048 |
| <b>PreciControl ClinChem Multi 2, No. 05947774 190, 05117216 190, 05117291 922 (Q.C.S.)</b> |           |       |       |   |      |        |       |       |     |       |       |
| 250228  | 8         | 137   | 113   | - | 161  | 8      | 2.29  | 1.87  | -   | 2.71  | 0.14  |
| 250267  | 7         | 148   | 121   | - | 175  | 9      | 2.47  | 2.02  | -   | 2.92  | 0.15  |
| 250280  | 5         | 141   | 117   | - | 165  | 8      | 2.35  | 1.93  | -   | 2.77  | 0.14  |

\* not for use in the USA

# FERR4



## Tina-quant Ferritin Gen.4

cobas c 503 analyzer

08057648 190, System-ID 2057 001

FERR4: ACN 20570

| LOT | e-BC Ver. | µg/L              | pmol/L            | ng/mL             |
|-----|-----------|-------------------|-------------------|-------------------|
|     | c503      | Calibration Value | Calibration Value | Calibration Value |

C.f.a.s. Proteins, No. 11355279 216

|        |   |      |      |      |
|--------|---|------|------|------|
| 223235 | 3 | 1250 | 2810 | 1250 |
| 277906 | 3 | 1180 | 2650 | 1180 |
| 312505 | 3 | 1200 | 2700 | 1200 |

| LOT | e-BC Ver. | µg/L  |       |     | pmol/L |       |     | ng/mL |       |     |
|-----|-----------|-------|-------|-----|--------|-------|-----|-------|-------|-----|
|     | c503      | Value | Range | 1SD | Value  | Range | 1SD | Value | Range | 1SD |

PreciControl ClinChem Multi 1, No. 05947626 190, 05117003 190, 05117208 922 (Q.C.S.)

|        |   |     |          |    |     |           |    |     |          |    |
|--------|---|-----|----------|----|-----|-----------|----|-----|----------|----|
| 250241 | 5 | 122 | 83 - 161 | 13 | 274 | 184 - 364 | 30 | 122 | 83 - 161 | 13 |
| 250254 | 5 | 122 | 83 - 161 | 13 | 274 | 184 - 364 | 30 | 122 | 83 - 161 | 13 |
| 324196 | 2 | 125 | 83 - 167 | 14 | 281 | 188 - 374 | 31 | 125 | 83 - 167 | 14 |

PreciControl ClinChem Multi 2, No. 05947774 190, 05117216 190, 05117291 922 (Q.C.S.)

|        |   |     |           |    |     |           |    |     |           |    |
|--------|---|-----|-----------|----|-----|-----------|----|-----|-----------|----|
| 250228 | 4 | 228 | 153 - 303 | 25 | 512 | 344 - 680 | 56 | 228 | 153 - 303 | 25 |
| 250267 | 4 | 229 | 154 - 304 | 25 | 515 | 344 - 686 | 57 | 229 | 154 - 304 | 25 |
| 250280 | 2 | 226 | 151 - 301 | 25 | 508 | 340 - 676 | 56 | 226 | 151 - 301 | 25 |

Precinorm Protein, No. 10557897 122

|        |   |     |           |    |     |           |    |     |           |    |
|--------|---|-----|-----------|----|-----|-----------|----|-----|-----------|----|
| 223237 | 2 | 145 | 97 - 193  | 16 | 326 | 218 - 434 | 36 | 145 | 97 - 193  | 16 |
| 294543 | 2 | 148 | 100 - 196 | 16 | 333 | 222 - 444 | 37 | 148 | 100 - 196 | 16 |

Precipath Protein, No. 11333127 122

|        |   |     |           |    |     |           |    |     |           |    |
|--------|---|-----|-----------|----|-----|-----------|----|-----|-----------|----|
| 272990 | 2 | 283 | 190 - 376 | 31 | 636 | 426 - 846 | 70 | 283 | 190 - 376 | 31 |
|--------|---|-----|-----------|----|-----|-----------|----|-----|-----------|----|

## Glossary

| EN | Glossary                | Page     | Calibration value      | Value    | Range      | 1SD | not for use in the USA                      |
|----|-------------------------|----------|------------------------|----------|------------|-----|---|
| DE | Glossar                 | Seite    | Kalibrationswert       | Wert     | Bereich    | 1SD | nicht zur Verwendung in den USA             |
| FR | Glossaire               | Page     | Valeur de calibration  | Valeur   | Intervalle | 1SD | non disponible aux USA                      |
| ES | Glosario                | Página   | Valor de calibración   | Valor    | Intervalo  | 1DE | no se utiliza en los EE. UU.                |
| IT | Glossario               | Pagina   | Valore di calibrazione | Valore   | Intervallo | 1DS | non per l'uso negli USA                     |
| PT | Glossário               | Página   | Valor de calibração    | Valor    | Intervalo  | 1DP | não disponível nos EUA                      |
| DA | Ordlister               | Side     | Kalibreringsværdi      | Værdi    | Område     | 1SD | ikke til brug i USA                         |
| SV | Ordlista                | Sida     | Kalibreringsvärde      | Värde    | Intervall  | 1SD | används ej i USA                            |
| NO | Ordliste                | Side     | Kalibreringsverdi      | Verdi    | Område     | 1SD | ikke tilgjengelig i USA                     |
| CS | Glosář                  | Strana   | Kalibrační hodnota     | Hodnota  | Rozsah     | 1SD | není určeno pro použití v USA               |
| SK | Slovník                 | Strana   | Kalibračná hodnota     | Hodnota  | Rozsah     | 1SD | nie je určené na použitie v USA             |
| PL | Stownik                 | Strona   | Wartość kalibracji     | Wartość  | Zakres     | 1SD | nie do użycia w USA                         |
| HU | Fogalomtár              | Oldal    | Kalibrációs érték      | Érték    | Tartomány  | 1SD | az USA területén nem alkalmazandó           |
| EL | Γλωσσάριο               | Σελίδα   | Τιμή βαθμονόμησης      | Τιμή     | Εύρος      | 1SD | δεν προορίζεται για χρήση στις Η.Π.Α.       |
| TR | Sözlükçe                | Sayfa    | Kalibrasyon değeri     | Değer    | Aralık     | 1SD | ABD'de kullanılmaz                          |
| BG | Речник                  | Страница | Калибрационна стойност | Стойност | Обхват     | 1SD | не се използва в САЩ                        |
| ET | Sõnastik                | Lehekülg | Kalibreerimisväärtus   | Väärtus  | Vahemik    | 1SD | Ei ole kasutamiseks Ameerika Ühendriikides. |
| LT | Terminų žodynas         | Puslapis | Kalibravimo reikšmė    | Reikšmė  | Intervalas | 1SD | neprieinama JAV                             |
| LV | Vārdnīca                | Lapa     | Kalibrācijas vērtība   | Vērtība  | Diapazons  | 1SN | nav paredzēts lietošanai ASV                |
| RU | Глоссарий               | Страница | Калибровочное значение | Значение | Диапазон   | 1SD | Не для использования в США                  |
| VI | Bảng chú giải thuật ngữ | Trang    | Giá trị chuẩn định     | Giá trị  | Khoảng     | 1SD | không sử dụng ở Mỹ                          |
| ZH | 词汇表                     | 页码       | 定标值                    | 数值       | 范围         | 1SD | 不可用于美国                                      |
| RO | Glosar                  | Pagina   | Valoare de calibrare   | Valoare  | Interval   | 1SD | nu este destinat utilizării în SUA          |
| UK | Глосарій                | Сторінка | Калібрувальне значення | Значення | Діапазон   | 1CB | для використання у країнах за межами США    |

|    |   |  |
|----|---|--|
| EN | Supplemental Value Sheet                        | Please note that following data have been modified or added.                             |
| DE | Ergänzendes Wertebblatt                         | Bitte beachten Sie, dass folgende Daten geändert oder hinzugefügt wurden.                |
| FR | Fiche de valeurs complémentaire                 | Veillez noter que les données suivantes ont été modifiées ou ajoutées.                   |
| ES | Ficha de valores adicional                      | Observe que los siguientes datos han sido modificados o añadidos.                        |
| IT | Foglietto aggiuntivo relativo ai valori teorici | Nota: i seguenti dati sono stati modificati o aggiunti.                                  |
| PT | Folha de valores suplementar                    | Note que os seguintes dados foram modificados ou adicionados.                            |
| DA | Supplerende værdiskema                          | Bemærk, at nedenstående data er ændret eller tilføjet.                                   |
| SV | Kompletterande värdeark                         | Observera att följande data har ändrats eller lagts till.                                |
| NO | Supplerende verdiskjema                         | Vær oppmerksom på at følgende data er endret eller lagt til.                             |
| CS | Doplňkový list hodnot                           | Vezměte, prosím, na vědomí, že následující údaje byly změněny nebo přidány.              |
| SK | Doplnková tabuľka hodnôt                        | Upozorňujeme Vás, že nasledujúce údaje boli upravené alebo pridané.                      |
| PL | Uzupełniający arkusz wartości                   | Należy wziąć pod uwagę, że podane poniżej dane zostały zmodyfikowane lub zostały dodane. |
| HU | Pótdatlap                                       | Kérjük, vegyék figyelembe, hogy az alábbi adatokat módosították ill. hozzáadták.         |
| EL | Συμπληρωματικό φύλλο τιμών                      | Λάβετε υπόψη ότι τα παρακάτω δεδομένα έχουν τροποποιηθεί ή προστεθεί.                    |
| TR | Tamamlayıcı Değer Sayfası                       | Aşağıdaki verilerde değişiklik veya ekleme yapıldığını lütfen dikkate alın.              |
| BG | Допълнителна листовка със стойности             | Моля, обърнете внимание, че следните данни са променени или добавени.                    |
| ET | Lisaväärtuste leht                              | Juhime tähelepanu, et järgmised andmed on muudetud või lisatud.                          |
| LT | Papildoma reikšmių lentelė                      | Atkreipkite dėmesį, kad šie duomenys buvo pakeisti arba papildyti.                       |
| LV | Papildu vērtību lapa                            | Lūdzu, ņemiet vērā, ka ir mainīti vai pievienoti turpmāk norādītie dati.                 |
| RU | Дополнительный перечень значений                | Обратите внимание, что следующие данные были изменены или добавлены.                     |
| VI | Tờ giá trị bổ sung                              | Vui lòng lưu ý rằng dữ liệu sau đã được sửa đổi hoặc bổ sung.                            |
| ZH | 补充靶值单   | 请注意：已修改或添加下列数据。  |
| RO | Fișă cu valori suplimentară                     | Rețineți că următoarele date au fost modificate sau adăugate.                            |
| UK | Додаткова таблиця значень                       | Зверніть увагу, що було змінено або додано такі дані:                                    |