Biochemistry results in chickens during pre-infection and post-infection bloodwork compared to reference intervals. Pre = pre-infection values; Post = post-infection values). AST – aspartate aminotransferase, K+ – kalium, Na+ – natrium. Values above and below the reference range are marked by dark or light grey background, respectively.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Group** | **N°** | **AST** | | **Creatine kinase** | | **Uric Acid** | | **Glucose** | | **Calcium** | | **Phosphorus** | | **Total Protein** | | **Albumin** | | **Globulins** | | **K+** | | **Na+** | |
| **(µkat/L)** | | **(µkat/L)** | | **(µmol/L)** | | **(mmol/L)** | | **(mmol/L)** | | **(mmol/L)** | | **(g/L)** | | **(g/L)** | | **(g/L)** | |
|  |  | **pre** | **Post** | **pre** | **post** | **pre** | **post** | **pre** | **post** | **pre** | **post** | **pre** | **post** | **pre** | **post** | **pre** | **post** | **pre** | **post** | **pre** | **post** | **pre** | **post** |
| Low dose | C1 | 2.4 | 2.6 | 6.4 | 7.7 | 198 | 233 | 13.6 | 14.7 | 1.24 | 1.22 | 1.35 | 1.22 | 33 | 35 | 23 | 26 | 10 | 9 | 4.3 | 4.8 | 140 | 152 |
| C2 | 2.5 | 2.4 | 3.1 | 5.8 | 316 | 549 | 15.5 | 14.8 | 1.17 | 1.14 | 1.52 | 1.51 | 27 | 29 | 21 | 20 | 6 | 9 | 4.6 | 3.9 | 142 | 145 |
| C3 | 2.8 | 3 | 7.9 | 9.3 | 310 | 155 | 14.3 | 13.7 | 1.21 | 1.39 | 1.34 | 1.44 | 31 | 35 | 20 | 23 | 11 | 13 | 5.1 | 4.2 | 138 | 141 |
| High dose | C4 | 2.7 | 2.6 | 5.8 | 8.3 | 151 | 299 | 12.8 | 12.4 | 1.17 | 1.4 | 1.1 | 1.24 | 34 | 37 | 26 | 24 | 8 | 13 | 5.1 | 3.7 | 138 | 146 |
| C5 | 3.1 | 2.7 | 7.3 | 8.2 | 288 | 252 | 12.4 | 11.1 | 1.27 | 1.43 | 1.11 | 1.22 | 28 | 33 | 18 | 19 | 10 | 13 | 4.3 | 4.1 | 144 | 144 |
| C6 | 2.8 | 2.8 | 4.4 | 9.5 | 152 | 111 | 14.4 | 11.8 | 1.35 | 1.21 | 1.26 | 1.33 | 28 | 35 | 19 | 22 | 9 | 13 | 4.3 | 4.5 | 145 | 146 |
| Snail fed | C7 | 2.9 | 2.3 | 5.3 | 6.3 | 128 | 247 | 15.5 | 11.9 | 1.27 | 1.3 | 1.19 | 1.44 | 31 | 29 | 23 | 16 | 7 | 13 | 4.7 | 4 | 148 | 133 |
| C8 | 2.8 | 2.4 | 6.5 | 13.8 | 130 | 124 | 12.9 | 10.9 | 1.26 | 1.18 | 1 | 1.12 | 30 | 33 | 22 | 20 | 8 | 12 | 4.4 | 4.1 | 139 | 133 |
| C9 | 2.8 | 2.6 | 5.8 | 13.6 | 271 | 103 | 13 | 11.6 | 1.08 | 1.36 | 1.32 | 1.5 | 27 | 33 | 18 | 21 | 9 | 12 | 4.8 | 4.1 | 139 | 133 |
| Control | C10 | 2.6 | 2.4 | 3.4 | 5 | 317 | 120 | 14.9 | 11.2 | 1.28 | 1.32 | 1.29 | 1.27 | 29 | 37 | 20 | 21 | 9 | 16 | 4.3 | 4.6 | 139 | 138 |
| C11 | 2.5 | 2.6 | 6.1 | 10.6 | 135 | 96 | 13.5 | 12.2 | 1.27 | 1.41 | 1.19 | 1.3 | 30 | 32 | 22 | 20 | 9 | 12 | 4.7 | 4.6 | 140 | 143 |
| C12 | 2.8 | 2.6 | 8.1 | 11 | 145 | 98 | 13.2 | 11.9 | 1.23 | 1.26 | 1.3 | 1.37 | 29 | 34 | 20 | 20 | 10 | 14 | 5 | 4.5 | 144 | 142 |
| **Reference range** | | 1.17– 3.671 | | 1.7– 8.522 | | 149– 4831 | | 12.63– 16.691 | | 1.20– 1.731 | | 2– 2.51 | | 33– 551 | | 13– 281 | | 15– 411 | | 3– 7.311 | | 131– 1711 | |

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