

**Table 2.** Comparisons of the serum thiols, disulphide, TAS, TOS and IMA levels of the children with COVID-19 according to the disease severity

| Parameters<br>(median, min-max)            | Mild cases<br>(n=17) | Moderate<br>cases (n=19) | Severe/critical<br>cases (n=10) | Control cases<br>(n=33) | P value  |
|--|----------------------|--------------------------|---------------------------------|-------------------------|--|
| Native thiol $\mu\text{mol/L}$             | 449 (416-475)        | 445 (416-511)            | 318 (276-419)                   | 403 (329-403)           | <b>0.006<sup>a</sup></b><br><b>0.002<sup>b</sup></b><br>>0.05 <sup>c</sup> |
| Total thiol $\mu\text{mol/L}$              | 494 (455-494)        | 492 (451-555)            | 355 (308-461)                   | 439 (365-497)           | <b>0.006<sup>a</sup></b><br><b>0.003<sup>b</sup></b><br>>0.05 <sup>c</sup> |
| Disulphide $\mu\text{mol/L}$               | 20.5 (20-23)         | 21 (19-23)               | 17.5 (16.2-22.7)                | 19.5 (17.7-21.7)        | >0.05 <sup>a, b, c</sup>   |
| TAS mmol Trolox<br>equiv./L                | 0.8 (0.8-0.9)        | 0.9 (0.9-1)              | 0.9 (0.6-1.1)                   | 0.8 (0.8-0.9)           | >0.05 <sup>a, b, c</sup>   |
| TOS $\mu\text{mol H}_2\text{O}_2/\text{L}$ | 14 (7.4-22)          | 11 (5.8-23.4)            | 9.2 (4.2-19.4)                  | 4.4 (3-8.7)             | >0.05 <sup>a, b, c</sup>   |
| Ima ABSU                                   | 1 (0.8-1)            | 1 (0.9-1)                | 1.1 (0.9-1.4)                   | 0.9 (0.7-1)             | >0.05 <sup>a, b, c</sup>   |

<sup>a</sup> Mild vs Severe/Critical.    <sup>b</sup> Moderate vs Severe/Critical    <sup>c</sup> Control vs Severe/Critical

