**Supplementary digital table Description of the six cases with their Laboratory test results and imaging.**

|  |  |
| --- | --- |
|  | **Cases** |
| **Outcome** | **1** | **2** | **3** | **4** | **5** | **6** |
| HB g/dl | 8.4 | 9.9 | 11 | 13.4 | 10.3 | 10.1 |
| WBC 103/ml | 4 | 4.9 | 5.4 | 6.8 | 10.8 | 4.4 |
| Platelet 103/ml | 82 | 156 | 157 | 120 | 459 | 88 |
| Neutrophils  | 81% | 76% | 63% | 71% | 63% | 68% |
| Lymphocyte | 13% | 18.4% | 29.9% | 22% | 26.4% | 27.5% |
| ALT( 0-65 unit/L) | 198 | 98 | 74 | 149 | 158 | 59 |
| AST (0-37 unit/L) | 305 | 108 | 84 | 187 | 87 | 56 |
| Albumin (3.8-5.4 g/dl | 2.4 | 3.3 | 2.8 | 2.5 | 3.4 | 2.0 |
| ALK (142-336 unit/L) | 391 | 227 | 95 | 131 | 278 | 141 |
| LDH (98-192 unit/L) | 1482 | 534 | 490 | 756 | 534 | 287 |
| Aldolase (1.2-7.6 unit/L) | 22.6 | 23 | 10.4 | NA | NA | NA |
| Procalcitonin(0.0-0.1 ng/ml) | 1.3 | 4.08 | 0.36 | 4.46 | 1.28 | 2.06 |
| TG (<149 mg/dl) | 264 | 370 | 240 | 265 | 141 | 176 |
| CK total (12-191 unit/L) | 411 | 173 | 63 | 892 | 50 | 57 |
| CK MB (0.5-3.6 ng/ml) | 1.3 | 0.7 | NA | NA | NA | NA |
| Troponin T (0.0-0.1 ng/ml) | <0.01 | NA | NA | NA | NA | <0.01 |
| Troponin I (0.0-0.4 ng/ml) | <0.02 | <0.02 | 0.02 | <0.02 | <0.02 | <0.02 |
| D-Dimer (< 0.5 mcg/ml FEU) | 3.47 | 3.09 | 1.95 | >20 | 0.6 | 2.36 |
| ESR (0-10 mm/hr) | 19 | 43 | 32 | 31 | 65 | 32 |
| CRP(< 2.9 mg//l) | 96.4 | 233 | 143 | 151 | 13.6 | 108 |
| IL-6(ELISA) (0.0-12.2 pg/ml) | 63.1 | 33.8 | 77.6 | 17.4 | 19.4 | NA |
| Ferritin (5-204 ng/ml) | 786 | 1312 | 373 | 1686 | 338 | 400 |
| Fibrinogen (230-510 mg/dl) | 216 | 445 | 384 | 686 | 428 | 143 |
| Urine analysis | Negative | Negative | Negative | Negative | Negative | Negative |
| Cultures (no growth) | Blood and throat | Blood, Urine and Throat | Blood, Urine and Throat | Blood | Blood and Urine | Blood, Urine and Throat |
| T.spot  | Negative | NA | NA | PPD Negative | Negative | NA |
| CMV IgG | Intermediate | NR | NR | Reactive | NR | NR |
| CMV IgM( <0.9) | 0.4 | 0.3 | 0.3 | 0.2 | 0.4 | 1.4 |
| CMV PCR | Negative | Negative | Negative | NA | NA | NA |
| EBV VCA IgG (<0.8) | <0.2 | <0.2 | 8.0 | 4.1 | <0.2 | <0.2 |
| EBV VCA IgM (<0.8) | 0.4 | <0.2 | <0.2 | <0.2 | <0.2 | 0.2 |
| EBV NA IgG (<0.8) | <0.2 | NA | NA | >8 | NA | NA |
| EBV PCR | NA | Negative | Negative | NA | Negative | NA |
| Monospot | Negative | NA | NA | Negative | NA | NA |
| Ehrlichia Chaffeensis IgM | Negative | NA | NA | Negative | Negative | NA |
| Ehrlichia Chaffeensis IgG | Negative | NA | NA | Negative | Negative | NA |
| HBSAG | Negative | Negative | Negative | Negative | NA | NA |
| Anti HBC IgM | Negative | Negative | Negative | Negative | NA | NA |
| Anti HCV | Negative | Negative | Negative | Negative | NA | NA |
| HCV RNA | Negative | NA | NA | NA | NA | NA |
| Anti HAV IgM | Negative | Negative | Negative | Negative | NA | NA |
| Rocky mountain spotted fever IgM (0.0-0.89) | 1.36 | NA | NA | Negative | 0.43 | NA |
| Rocky mountain spotted fever IgG | Negative | NA | NA | Negative | Negative | NA |
| HIV Ag/Ab 4th gen | NA | Negative | Negative | Negative | Negative | Negative |
| SARS -CoV-2 IgG | Negative | Negative | Negative | Negative | Negative | Negative |
| SARS -CoV-2 PCR | Negative | Negative | Negative | Negative | Negative | Negative |
| Francisella Tularensis IgM | NA | Negative | Negative | NA | NA | NA |
| Francisella Tularensis IgG | NA | Negative | Negative | NA | NA | NA |
| Herpes virus 6 IgG (<0.9) | NA | 2.13 | 2.06 | NA | NA | NA |
| Herpes virus 6 IgM(<1:10) | NA | <1:10 | <1:10 | NA | NA | NA |
| Bartonella Henselae IgG | NA | Negative | Negative | NA | Negative | Negative |
| Bartonella Henselae IgM | NA | Negative | Negative | NA | Negative | Negative |
| Group A streptococcus Ag | Negative | Negative | Negative | NA | Negative | Negative |
| Parvovirus IgM (0-0.8) | 0.7 | 0.1 | 0.1 | NA | 0.3 | 0.6 |
| Parvovirus IgG(0-0.8) | 8.9 | 0.2 | 0.4 | NA | 0.2 | 7.1 |
| Parvovirus PCR  | NA | Negative | Negative | NA | NA | Negative |
| Coxsackie A,B antibodies  | NA | Negative | Negative | NA | Negative | Negative |
| Respiratory viral panel PCR: Influenza A/B, Parainfluenza 1/2/3/4, RSV, Mycoplasma, Adenovirus, Rhinovirus, Metapneumovirus | All Negative | All Negative | All Negative | All Negative | All Negative | All Negative |
| Echocardigram | Normal | Normal | Normal | Normal | Normal | Normal |
| Chest x-ray | Normal | Normal | Normal | Normal | Normal | Normal |
| Abdomen US | Hepato-splenomegaly with mild ascites and mild gall bladder wall thickening | Hepato-splenomegaly and increased hepatic parenchymal echotexture | Splenomegaly | Hepato-splenomegaly | NA | NA |
| Murine Typhus IgG | 1:128 | 1:64 | 1:64 | 1:64 | 1:128 | <1:64 |
| Murine Typhus IgM | 1:512 | 1:128 | 1:64 | 1:256 | 1:256 | 1:128 |
| Acute convalescent murine typhus IgG | >1:256 | NA | 1:256 | NA | >1:256 | >1:256 |
| Acute convalescent murine typhus IgM | 1:256 | NA | 1:256 | NA | >1:256 | >1:256 |

CBC: Complete Blood Count; HB: Hemoglobin, WBC: White Blood Cell, LFT: Liver Function Test; ALT: Alanine Aminotransferase; AST: Aspartate Aminotransferase; GGT: Gamma-Glutamyl Transferase; ALK: Alkaline Phosphatase; LDH: Lactate Dehydrogenase; TG: Triglyceride; CK: Creatine Kinase; ESR: Erythrocyte Sedimentation Rate; CRP: C-Reactive Protein; IL-6: Interleukin- 6; CMV: Cytomegalovirus; IgG: Immunoglobulin G; IgM: Immunoglobulin M, PCR: Polymerase Chain Reaction; EBV: Epstein-Barr virus; VCA: Viral Core Antigen; NA: Nuclear Antigen; HBSAG: Hepatitis B Surface Antigen; Anti HBC: Anti Hepatitis B core ; Anti HCV: Anti Hepatitis C virus; Anti HAV: Anti Hepatitis A virus; HIV Ag/Ab 4th gen: Human Immunediffiency Virus Antigen/Antibody; COVID-19: Coronavirus Disease 2019; US: Ultrasound; NA: Not available; NR: Not reactive.