

TABLE 2: Laboratory Results on Presentation of COVID-19 Vaccination or Infection-induced TTP

Patient	Labs on presentation*	ADAMTS13	Comments
1	Hgb:12.4 gm/dL Plt: 7×10^3 /uL Abs retic: 0.103×10^6 /uL BiliU: 5.3 mg/dL LDH: 836 U/L C3: 129 mg/dL C4: 30 mg/dL	Activity < 5%, inhibitor 55% [ref range < 30%]	Schistocytes on peripheral smear
2	Hgb: 6.5 gm/dL Plt: 33×10^3 /uL Abs retic: 0.286×10^6 /uL BiliU: 1.4 mg/dL LDH: 354 U/L C3: 130 mg/dL C4: not obtained	Activity < 5%, inhibitor 25% [ref range <30%]	Schistocytes on peripheral smear
3	Hgb: 8.1 gm/dL Plt: 5×10^3 /uL Abs retic: 0.522×10^6 /uL BiliU: 4.9 mg/dL LDH: 2824 U/L C3: 106 mg/dL C4: 15 mg/dL	Activity < 5%, inhibitor 54 % [ref range <30%]	Schistocytes on peripheral smear
4	Hgb:11.9 gm/dL Plt: 352×10^3 /uL Abs retic: 0.082×10^6 /uL BiliU:0.3 mg/dL LDH:465 U/L C3: 147 mg/dL C4: 21 mg/dL	Activity < 5%, inhibitor 0.4 [ref range <0.4]; novel homozygous variant in the ADAMTS13 gene, NM_139025.4:c.1584+5G>A	Note: labs from initial encounter with TCH Hematology; had already received treatment at prior hospital

Hgb=hemoglobin

Plt=platelets

Abs retic=absolute reticulocyte

BiliU=unconjugated bilirubin

LDH=lactate dehydrogenase

TCH=Texas Children's Hospital

TCH institutional reference ranges: Hgb 10.6-13.5 gm/dL, Plt $186-353 \times 10^3$ /uL; Abs retic $0.039-0.057 \times 10^6$ /uL;

BiliU < 1.0 mg/dL, LDH 151-298 U/L, C3 86-182 mg/dL, C4 17-51 mg/dL.