D-dimer Assays and Outcome Studies
(*Posted 4/20/20*)

Table 1: D-Dimer assays and units (only FDA-approved assays for VTE exclusion)

D-dimer Assay	Manufacturer	Unit Type	Reported Units	Cut off to rule out PE
HemosIL D-dimer	Instrumentation Laboratory	DDU	ng/mL	243 ng/mL
HemosIL AcuStar	Instrumentation Laboratory	FEU	ng/mL	500 ng/mL
HemosIL D-Dimer HS	Instrumentation Laboratory	DDU	ng/mL	243 ng/mL
HemosIL D-Dimer HS 500	Instrumentation Laboratory	FEU	ng/mL	500 ng/mL
INNOVANCE D-Dimer	Siemens	FEU	ng/mL	500 ng/mL
Nordic Red D-dimer	Nordic Biomarker	DDU	ng/mL	200ng/mL
STA Liatest LIA	Diagnostica Stago	FEU	µg/mL	0.5 mcg/mL
Tina-quant D-Dimer	F. Hoffman-La Roche Ltd.	FEU	µg/mL	0.5 mcg/mL
VIDAS D-Dimer	bioMe´rieux SA	FEU	ng/mL	500 ng/mL

Table 2: Available studies on D-dimer levels, assays and association with outcomes

Title	D-Dimer cut-off for mortality risk	Instrument	Link
Clinical course and risk factors for mortality of adult inpatients with COVID-19 in Wuhan, China: a retrospective cohort study	1 µg/mL (corrected on line, initially published as 1 µg/L)	Not specified	doi.org/10.1016/S0140-6736(20)30566-3
D-dimer as a biomarker for disease severity and mortality in COVID-19 patients: a case control study	>2.14 mg/L	Sysmex, CS5100	Preprint only: 0.21203/rs.3.rs-20850/v1
Prevalence of venous thromboembolism in patients with severe novel coronavirus pneumonia	1.5 to 3.0 µg/mL to predict VTE	Succeeder SF8200	doi.org/10.1111/jth.14830
Difference of coagulation features between severe pneumonia induced by SARS-CoV2 and non-SARS-CoV2	>3.0 µg/mL	STA-R MAX	https://link.springer.com/article/10.1007%2Fs11239-020-02105-8