

PRP Platelet Aggregation

- Blank = 500 µl PPP
- PRP 450 µl
- Incubate 3 minutes
- Make sure Gain is on lowest setting **0.005** before starting.
- Chrono-Lume 50µl
- First time setting baseline, press once, after that hold 3 seconds each time.
- If no patient ATP release with Thrombin, prepare high dose Thrombin. It will need to sit 10 min after reconstitution. Can try running other agonists during prep. See 6. Thrombin in SOP.

Agonists PRP

Agonist	Amount µl	Notes	Storage location
ATP standard	5	Adjust gain so peak is between 70-40	SF251 -75
Thrombin	50	Only measures ATP release	SF029 Coag freezer
Arachidonic Acid	5	Start setting the baseline before adding agonists	SF251 -75
Epinephrine	5	Slow to release ATP	SF251 -75
ADP	2.5	Slow to release ATP Need to adjust start time due to small amount of ATP in reagent	SF251 -75
Collagen	1	If you need to rerun any aggs, do it now before Ristocetin	SR267 SH fridge
Ristocetin High	5	No Chrono-Lume for Ristocetin Aggregation is normal	SF029 Coag freezer
Ristocetin Low	1	No aggregation is normal See RIPA .jad if Aggregation occurs	

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