

Figure S1. Image of vertical flow set-up built from a series of layers.

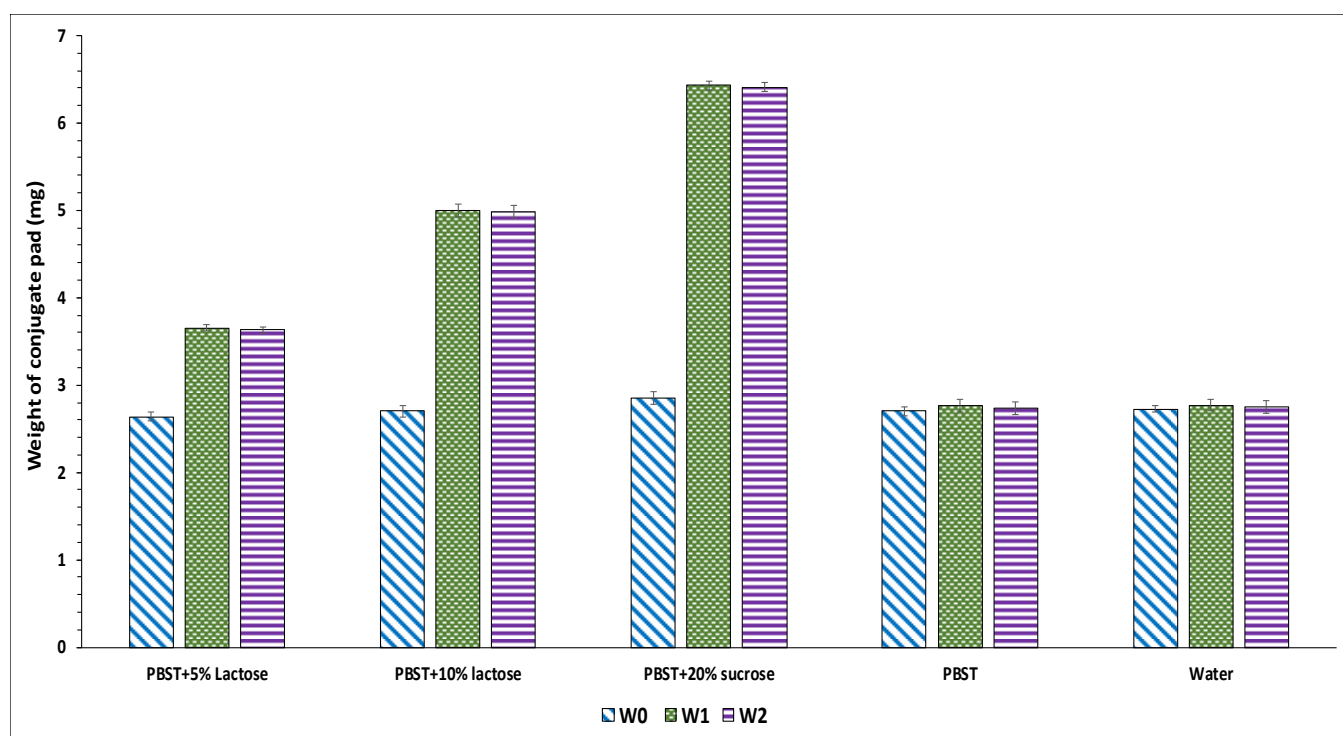


Figure S2: Depiction of the efficacy of air-drying process based on the dry-weight of conjugate pads.

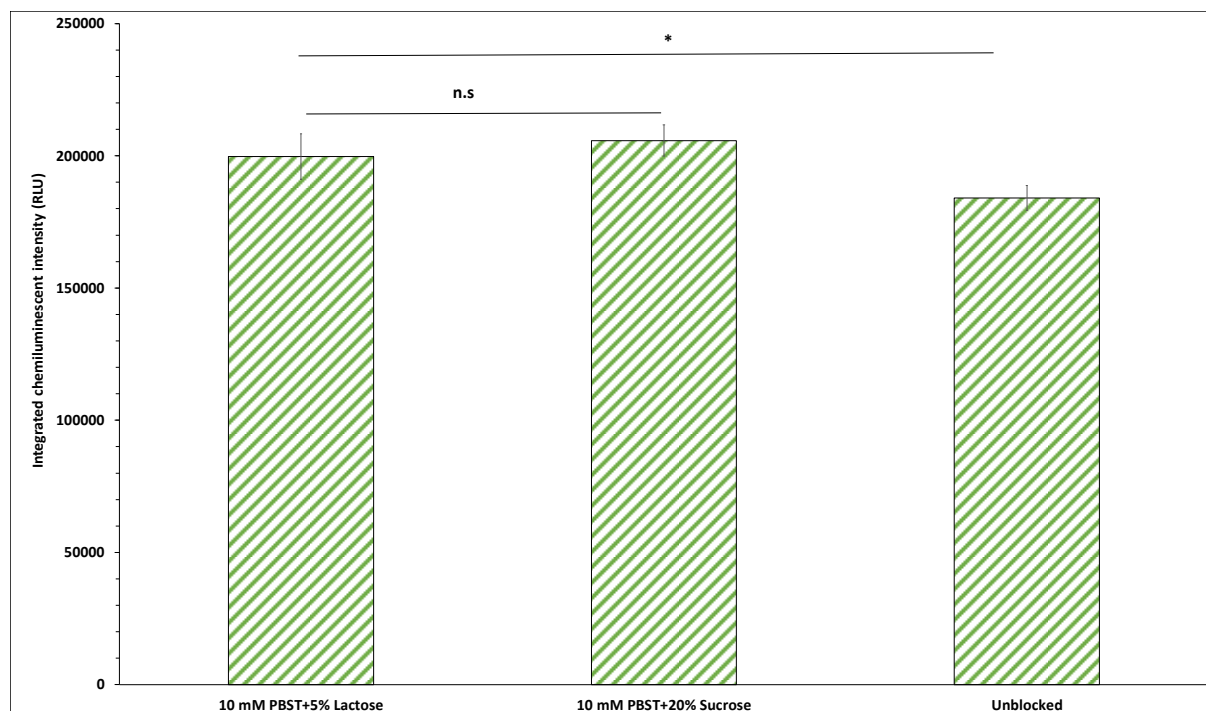


Figure S3. Effect of conjugate pad blocking on the integrated chemiluminescent intensity of VFIA platform (* $p < 0.05$, by ANOVA, n.s.- not significant).

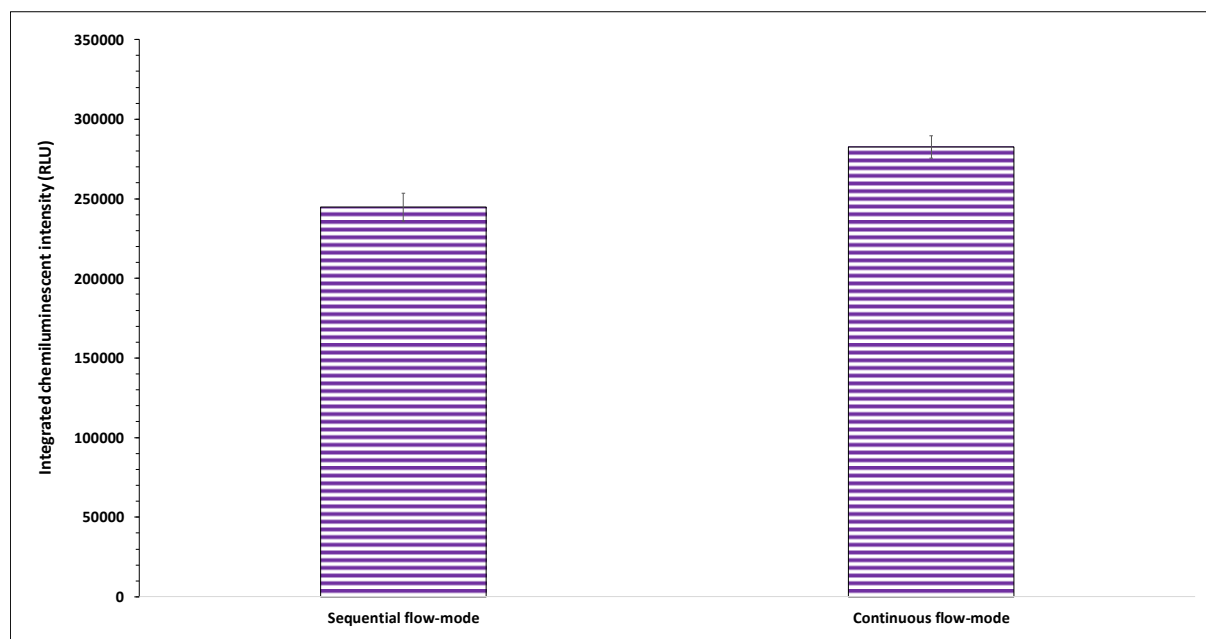


Figure S4. Effect of different types of sample addition modes on the integrated chemiluminescent intensity of VFIA platform.