

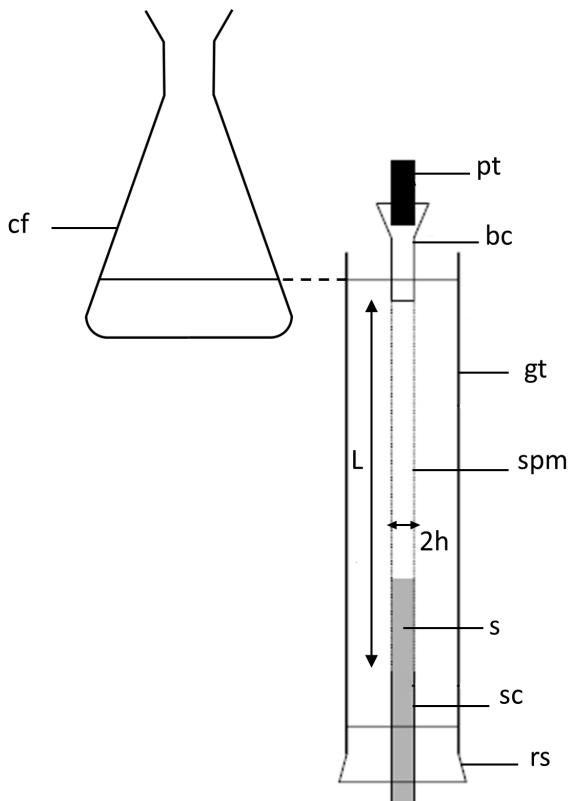


Figure S1: Experimental setup used to track the front speed and volume expansion.

(s) sugar solution, (sc) stopcock, (rs) rubber stopper, (spm) semi-permeable membrane, (gt) glass tube, (bc) brass cylinder, (pt) pressure transducer and (cf) conical flask. The $L = 20.5$ cm and h are the length and radius of the membrane respectively.