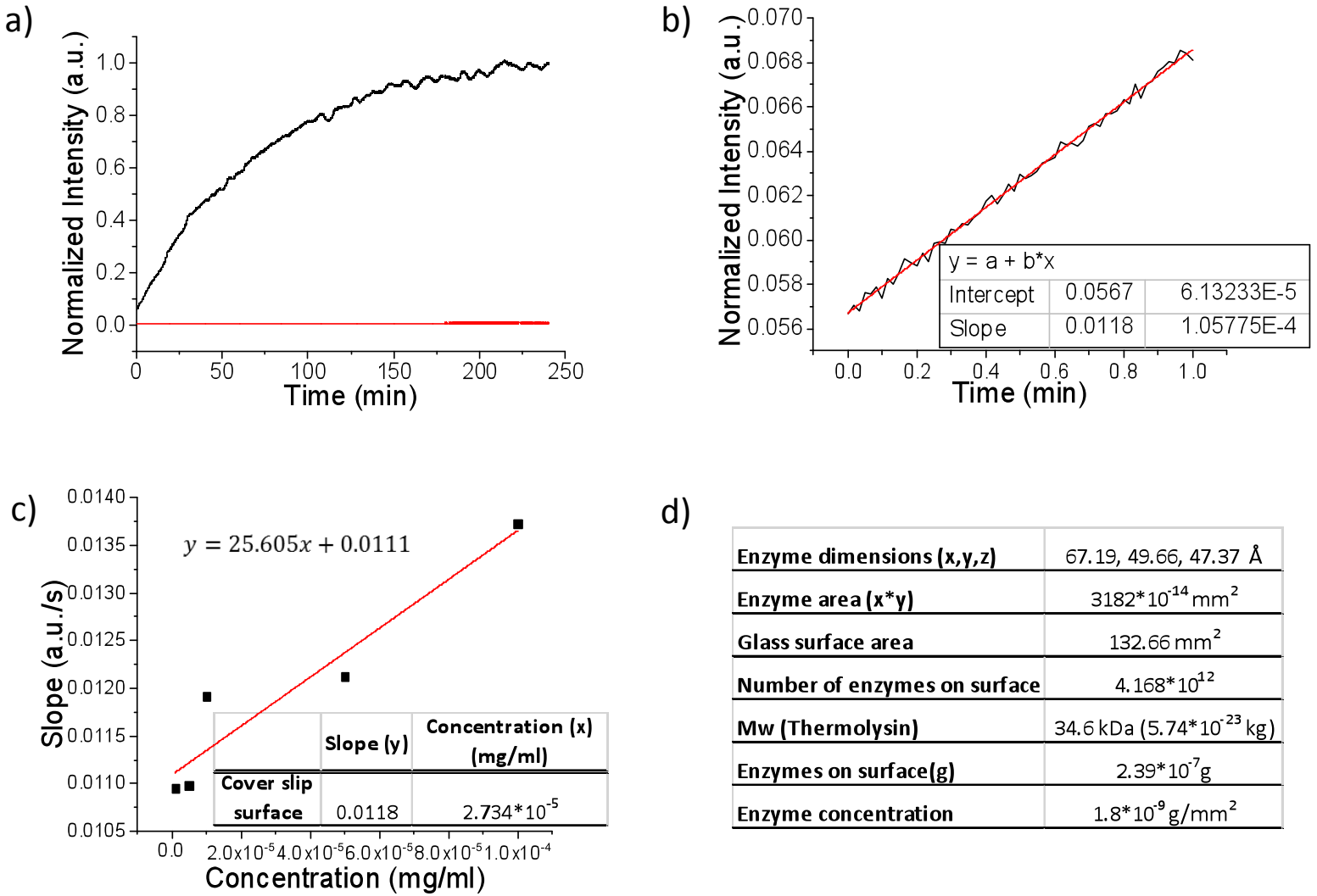

Figure S4 (a) Time course measurement of the fluorescent emission. The glass cover slip with the immobilized enzyme (13 mm of diameter) was cut in half to fit in the cuvette and dipped in a buffer solution containing the FRET substrate. the intensity of fluorescence was increasing over time, reaching a plateau when all the substrate molecules are converted. b) Linear fitting of the first 60 s of the time course. c) Calibration curve for the calculation of the enzyme immobilized on the surface. d) Table with the calculations of the theoretical enzyme concentration on the surface of the glass cover slip.