

Communication

A Fluorescent Lateral Flow Immunoassay for Detection of Skeletal Muscle Troponin I in Serum for Muscle Injury Monitoring at Point-of-Care

Deding Tang ^{1,2,3}, Shuang Wu ^{1,2}, Mengqi Kong ^{1,2,5}, Zhaonan Liu ^{1,2,5}, Zonghao Li ^{1,2,5}, Ying Han ⁴, Yan Gong ^{4,*} and Jie Hu ^{5,*}

¹The Key Laboratory of Biomedical Information Engineering of Ministry of Education, School of Life Science and Technology, Xi'an Jiaotong University, 710049, Xi'an

²Bioinspired Engineering and Biomechanics Center (BEEBC), Xi'an Jiaotong University, 710049, Xi'an

³Maanshan Teacher's College, 243041, Maanshan

⁴School of Chemistry and Life Sciences, Suzhou University of Science and Technology, 215009, Suzhou

⁵Suzhou Diyan Biotech Company, 215129, Suzhou

*Corresponding authors: gongyan@usts.edu.cn, jason.hu@sz-dna.cn

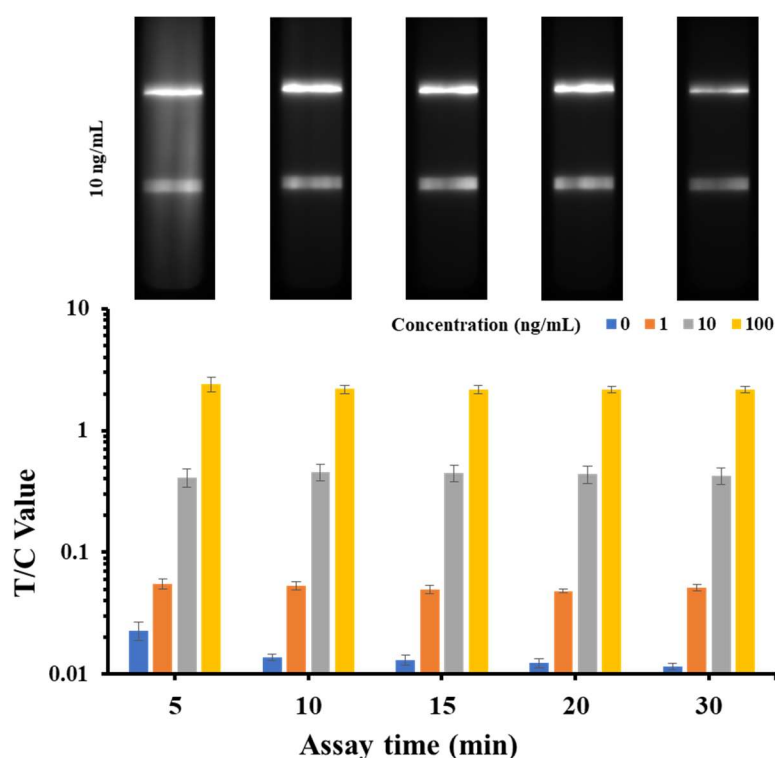


Fig. S1 LFIA detection performance at different assay time