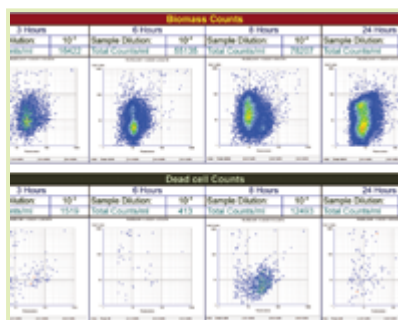


Peer Reviewed: Enumeration of *Pasteurella multocida* in a Fermentation Culture using the BD FACSMicroCount System

Jan 9, 2013 6:20 pm EST



BD FACSMicroCount intensity plots and enumeration of *P. multocida* samples.

INTRODUCTION Assessment of the viable population among the total biomass is critical for determining the quality of the starter culture as well as monitoring of the fermentation process. Culture-based plate counting traditionally assesses viability. This method requires multiple days of incubation, and consequently the optimal time for intervention procedures is often missed. Flow cytometers can determine cell number and characterize the cell's size, shape and granularity based on its light-scattering properties. In conjunction with fluorochromes, flow cytometers can reveal critical physiological...

Source URL: <http://www.ivtnetwork.com/article/peer-reviewed-enumeration-pasteurella-multocida-fermentation-culture-using-bd-facsmicrocount>