

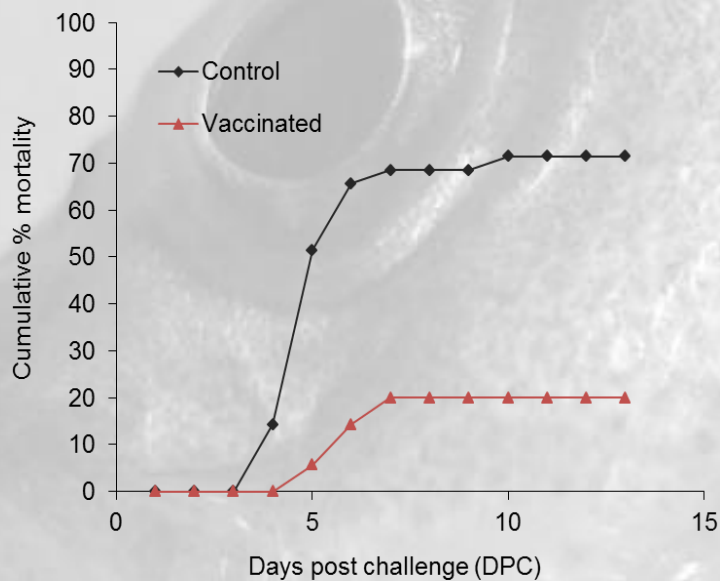
SEABASS - *PHOTOBACTERIUM DAMSELAE* subsp *PISCICIDA*

Introduction

Pasteurellosis is caused by the gram-negative and halophilic bacterium *Photobacterium damsela*. The disease affects a wide range of marine species, and fish can harbor the bacterium as subclinical infection for long periods of time. VESO Vikan offers challenge models with *Photobacterium damsela*.

Challenge model to evaluate the efficacy of vaccination

Seabass (average weight 4-10 grams) are acclimatized to 20°C for a minimum of two weeks before vaccination. After a four weeks immunization period, fish are challenged by i.p. injection. After challenge, mortality is recorded during an observation period of maximum 21 days. Evaluation of the potency of the vaccine is based on differences in mortality in vaccinated and unvaccinated groups.



Mortality in groups of vaccinated and unvaccinated seabass i.p. injected with *Photobacterium damsela*.