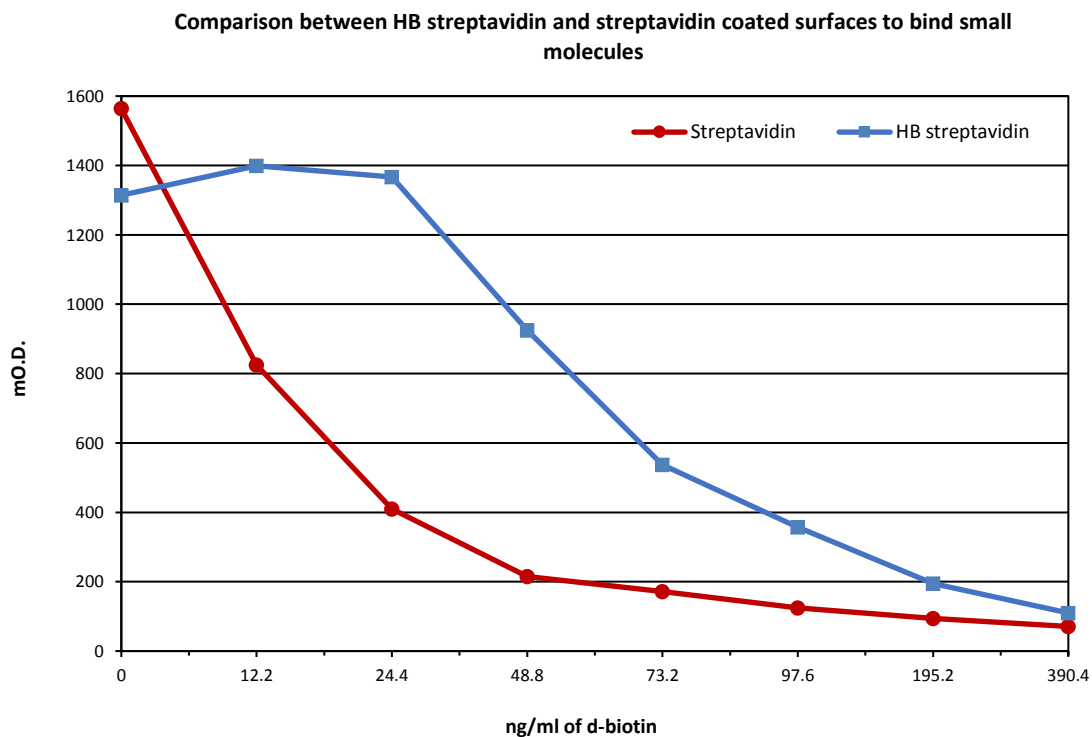


## STREPTAVIDIN COATED SURFACE –HIGH BINDING CAPACITY

### TECHNICAL NOTE N. 33

#### 1. Comparison between HB streptavidin and streptavidin coated surfaces to bind small molecules (biotin, M.W.= 244 Da)

Streptavidin HB and streptavidin coated PCR 8 strip tubes were incubated with biotin solutions (from 0 to 390.4 ng/ml) containing 1.3 ng/ml of biotinylated peroxidase for 30' R.T. After a washing step, the wells were incubated with TMB and blocked with sulphuric acid 1N. The O.D. values were read at 450 nm.



The Biomat Streptavidin HB PCR 8 tubes strips show a nominal **binding capacity of > 20 pmol d-biotin/tube**