Supporting information.

Figure 1S. Loading capacity of PS-co-DVB/PS-co-DVB support in the immobilization of different commercial lipases: (A) CALB; (B) RML; (C) LU; (D) TLL.

Experiments were performed as described in Section 2.2.3.

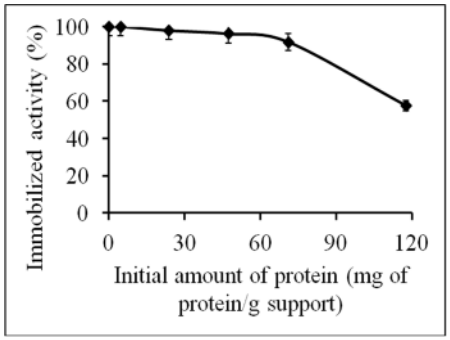
Figure 2S. Loading capacity of PS/PS support in the immobilization of different commercial lipases : (A) CALB; (B) RML; (C) LU; (D) TLL.

Experiments were performed as described in Section 2.2.3.

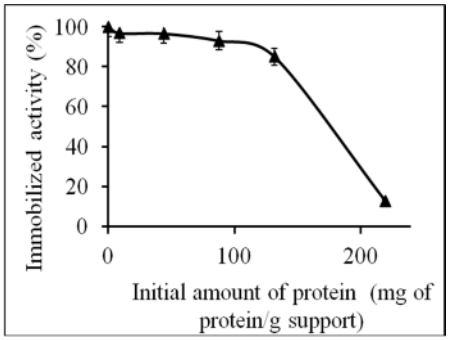
Figure 3S. Loading capacity of octyl-agarose in the immobilization of different commercial lipases : (A) CALB; (B) RML; (C) LU; (D) TLL.

Experiments were performed as described in Section 2.2.3.

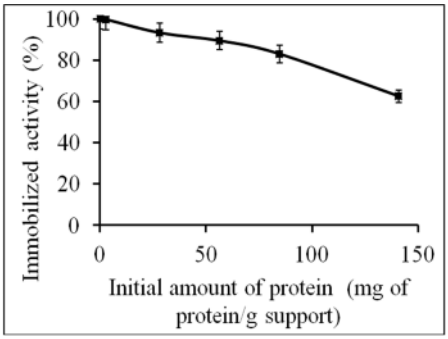
Figure 1S.



(A)



(B)



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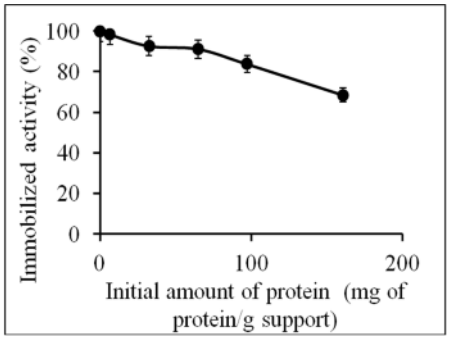
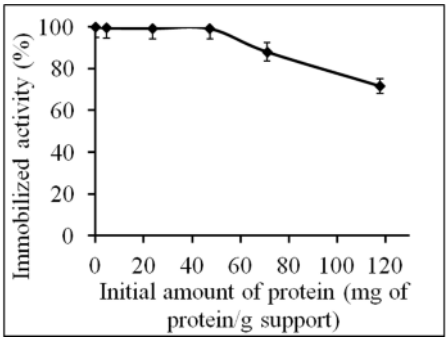
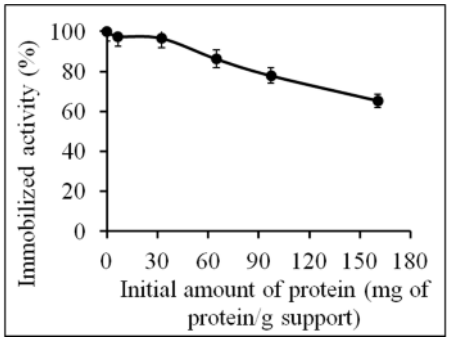


(D)

Figure 2S



(A)



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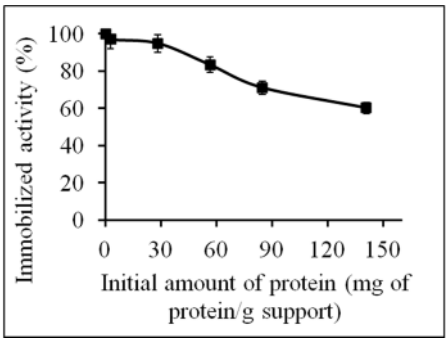
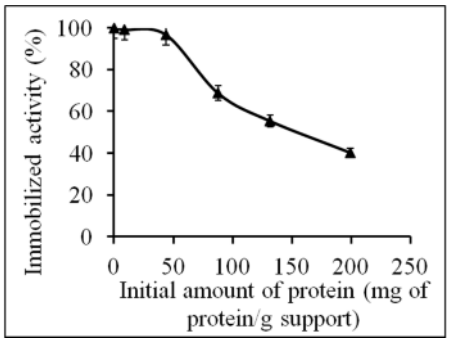
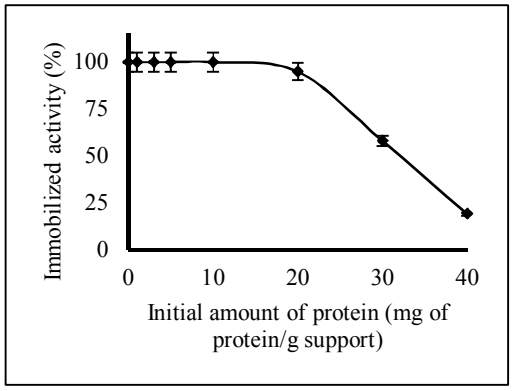


(C)

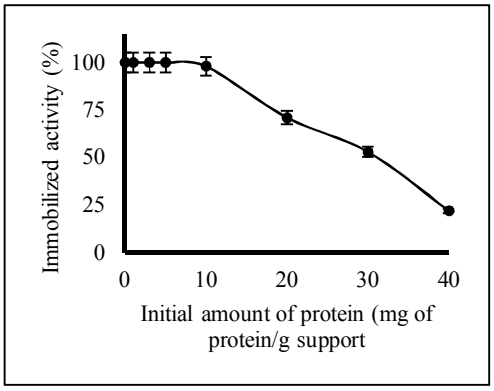


(D)

Figure 3S



(A)



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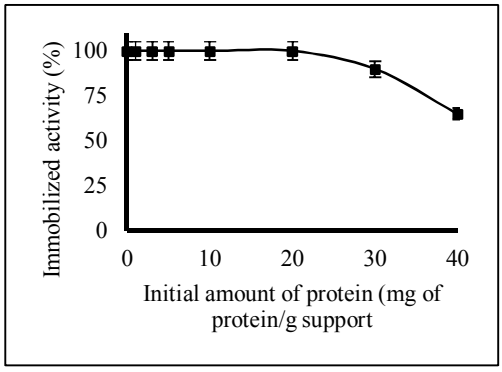
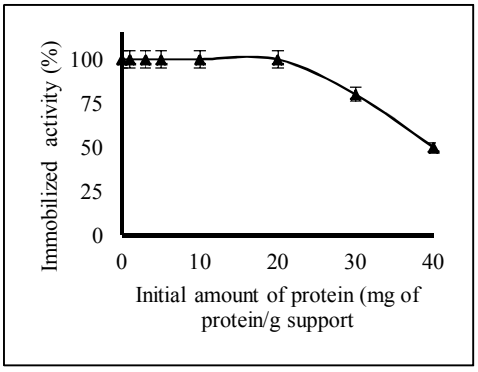


(C)



(D)

Biocatalyst	pH 5	Temperature, (ºC)	pH 9	Temperature, (ºC)
OC CALB	100±7	81	70±4	59
PS/PS CALB	40±2	81	50±4	59
PS-co-DVB/PS-co-DVB CALB	95±5	81	68±5	59
OCRML	300±15	52	600	72
PS/PS RML	170±10	52	40	72
PS-co-DVB/PS-co-DVB RML	580±20	52	120	72
OCTLL	300±20	60	100±4	63
PS/PS TLL	210±15	60	60±5	63
PS-co-DVB/PS-co-DVB TLL	85±4	60	24±2	63
OC LU	20±1	50	100±7	44
PS/PS LU	40±3	50	180±10	44
PS-co-DVB/PS-co-DVB LU	12±2	50	55±4	44

Table 1S.- Half-lives of the different enzyme biocatalyst at pH 5 and 9. Temperature was selected to have values that could be reliable. Experiments were performed by triplicate.