



# ZymoSnap™ ALP Alkaline phosphatase

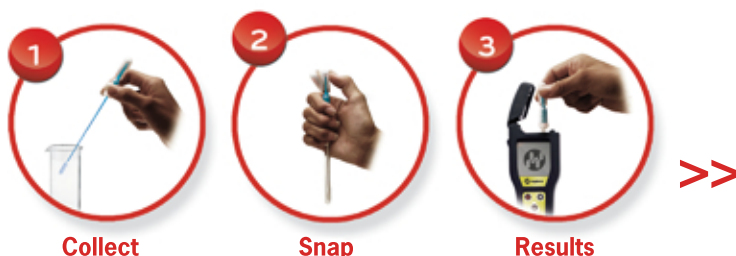


**ZymoSnap** is a 3-minute test of important industrial enzymes such as Alkaline Phosphatase and Proteases.

ZymoSnap uses a specific substrate to determine alkaline phosphatase activity in dairy products to verify pasteurisation efficiency and gives results in 3 mins. The test is sensitive and linear below legal limits; Table 1 compares ZymoSnap with alternative methods. The all-in-one design provides simplicity, convenience and repeatability and does not require a pipetting step. There is no interference from the sample matrix that frequently causes delays and expensive retesting in other methods. ZymoSnap has been validated for milk, flavoured milk, cream and cheese (see Table 2).



**ZymoSnap** provides an accurate, reliable and trouble-free rapid detection of alkaline phosphatase in dairy products.



## EnSURE

In conjunction with Zymo-Snap, **EnSURE** provides an effective tool for quality and safety measurement.

**Table 1**

	Fluorophos mU/L	Hygiena RLU	A & M	Charm RLU
10	10000	7131	157	6446509
1	5668	3176	47	164372
0.1	575	397	17	17911
0.01	74	65	11	500
0.001	24	26	7	0
0.0001	15	24	9	0

Comparison of Fluorophos mU/L with Hygiena ZymoSnap ALP, Aschaffenburg and Mullen Test and Charm PASLite RLU. The figures in **red** would be considered pasteurized and safe.

**Table 2**

				1 in 10	1 in 10	1 in 10	1 in 10	1 in 10	1 in 10	1 in 10
% Raw Milk	mU/L ALP estimated	Sheep Milk	Single Cream	Double Cream	Milk Shake 1	Milk Shake 2	Yoghurt	Cheddar	Soft Cheese	Cottage Cheese
10	10000	7979	6855	6722	7401	7270	7856	7795	7601	7010
1	5668	3032	2445	2580	4361	3935	4288	5255	3871	3023
0.1	575	425	368	334	551	486	454	660	454	398
0.01	74	71	51	48	82	71	71	99	68	71
0.001	24	19	8	17	34	32	34	46	32	33
0.0001	15	17	5	14	31	31	31	40	28	28

Comparison of Hygiena ZymoSnap ALP detecting raw milk spiked into different matrices. Dilution made in sterile water. The figures in **red** would be considered pasteurized and safe. \*Product diluted 1 in 10 with sterile water.

Name	Catalog	Qty
ZymoSnap ALP (Loop)	ZS-ALP-100	100 per case
ZymoSnap ALP (No Loop)	ZSX-ALP-100	100 per case
EnSURE	ENSURE	1 ea

