



YASHRAJ
BIOTECHNOLOGY LTD.
a bio-quest for ever



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Dear valuable Readers,

We are delighted to introduce this first edition of the Yashraj Biotechnology (YBL) newsletter. We plan to make it a quarterly publication to keep you in touch with our research and development (R & D) activities, new products, technical breakthrough, publications and events. We feel our newsletter would help us to communicate with you more effectively.

Hope you will enjoy reading it!

Season's greetings and best wishes for a Happy New Year.

Thanking you,

From promoter Directors
Yashraj Biotechnology Ltd

Prostasomes coming up in a big way ***
YBL takes up the clinical research on the
protostomes**

To start with YBL-clinical research programme, YBL would be taking up the prostosomes project for the studies. Various recent reports suggest prostasomes as a promising marker for the prostate cancer. prostasomes are submicron, secretory granules which are secreted by the epithelial cells of the human prostate glands. We have purified the prostasomes by differential centrifugation method. We are further trying to dig out the components of the prostosomes from it. In the new course of time YBL clinical research team would intend to explore novel components of prostasomes.

Coming soon products from native antigen lab

Cystatin-C (High Pure)

Our native R & D team has succeeded in purifying Cystatin C. Cystatin C is a low molecular weight (13.4 KDa) protein. It functions as an inhibitor of various cysteine proteases. Serum cystatin C is considered to be a superior than serum creatinine as a marker of kidney function.

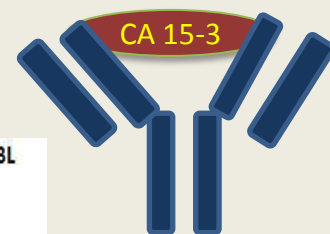
HE-4

We have also purified HE-4 (Human Epididymis-4) from the ascetic fluids of the cancer patients. HE-4 is a biomarker for the ovarian cancer. HE4 along with CA 125 is considered to be a better marker than either of them.

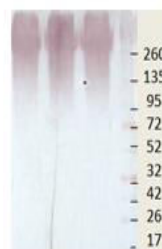


Do you need high affinity antibodies against CA 15-3 like antigen ?? We have it.....

After Continuous effort by our Cell culture team. We succeeded in generating the mouse monoclonal antibodies against the CA 15-3 like breast cancer antigen. Initial SPR (surface plasma resonance) studies suggest, our clones produce high affinity antibodies against antigen. Specificity of antibodies were confirmed by western Blot (Fig 1). To increase the wide utility we are further characterizing our Mab clones for other assays such as Immuno Histo Chemistry (IHC) and Immunofluorescence (IF).



WB: anti CA 15-3 Mab, YBL



CA 15-3 antibody recognizes different batches of CA 15-3

Fig-1

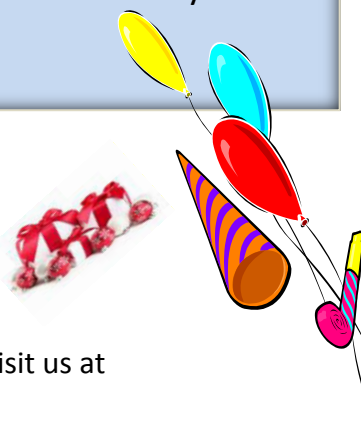
YBL clears the UL audit

UL (Underwriters Laboratories) conducted audit from 16th to 20th December 2013 at YBL. We are pleased to inform you that YBL successfully cleared UL audit of ISO 13485:2003.

Now it's time to celebrate Christmas*****

YBL R & D team celebrated Christmas; all members mutually exchanged the santa gifts among each other and shared the stories of Jesus Christ. Wish you all a Merry Christmas!!!

Send us an e-mail with an inquiry, comment or suggestions at btdagha@rediffmail.com



YBL-R & D Team

For more products information please visit us at <http://www.yashraj.com/>

