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Chromatin Immunoprecipitation validated antibodies launched by Chromatrap

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Chromatrap, a business unit of Porvair Sciences Ltd, has announced the launch of its own range of Chromatin Immunoprecipitation (ChIP)-validated antibodies.

Building on the company's success in the solid-state ChIP market, which underpins modern epigenetic research, the addition of ChIP-validated antibodies further enhances the high performance application solutions that Chromatrap can provide researchers.

Chromatrap Product Development Manager, Dr Amy Beynon commented:

The use of high quality and specific ChIP-validated antibodies is essential for the success of a ChIP assay. The antibody must recognise and bind to native protein that is bound to DNA. Antibodies from other applications do not always work well in ChIP. That is why our team has thoroughly investigated the top ten most referenced antibodies in recent epigenetic research papers.

"We are pleased to be able to offer these top quality validated antibodies to our customers alongside our expanding range of kits for ChIP assays of every type. This will give our customers confidence in their protocols and their results, safe in the knowledge that a ChIP-validated antibody was at the heart of their assay".

Chromatrap currently offers a range of ChIP kits for qPCR or sequencing and has now launched the first nine antibodies in its Validated Antibody programme which are H3, RNA pol II (S), RNA pol II (S5), H3K9me3, 5mC, Ach3, Ach4, AR and Sin3a.

Dr Beynon continued "It is our intention to expand the range as we continue to identify, source and validate antibodies for ChIP experimental use. We hope to have most of the major epigenetic marks validated over the next 12 months, for current availability please check our website for updates."

Chromatrap validated antibodies are available in 100uL aliquots at a concentration of 1mg/ml, delivered overnight from the company's Wrexham, UK facility to customers worldwide.

Source:

[Chromatrap](http://www.chromatrap.com)

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Company Background

Chromatrap® is a product of Porvair Sciences, a wholly owned subsidiary of Porvair plc. We are one of the largest manufacturers of Ultra-Clean microplates, 96 well well filtration plates and Microplate handling equipment for life science and synthetic chemistry. With offices and Class VIII clean room manufacturing located in the UK, combined with a world-wide network of distributors and dedicated distribution hub in the USA, we pride ourselves on our continuous innovation, research and flexibility to meet customer demands. We offer OEM production and contract manufacturing through our North Wales facility.

Our porous polymeric material, BioVyon™, whose chemical functionalisation can endow it with internal surface properties individually configured to capture and separate target species out of difficult mixtures, has opened up many possibilities in the field of BioSciences where molecules of interest such as DNA, RNA, proteins etc can be selectively pulled out of complex mixtures of biological origin. The materials have proven to be a remarkably good substrate for accepting novel chemistries such as the organically bound Protein A and Protein G in Chromatrap®.

Using our 25 years experience of microplate manufacturing, Porvair Sciences has now developed a high-throughput bead-free ChIP assay based on our filtration plates containing our Chromatrap chemistry. Chromatrap-96 enables large scale epigenetic screening to become a reality in many laboratories and eliminates many of the long and laborious steps previously undertaken in such work.