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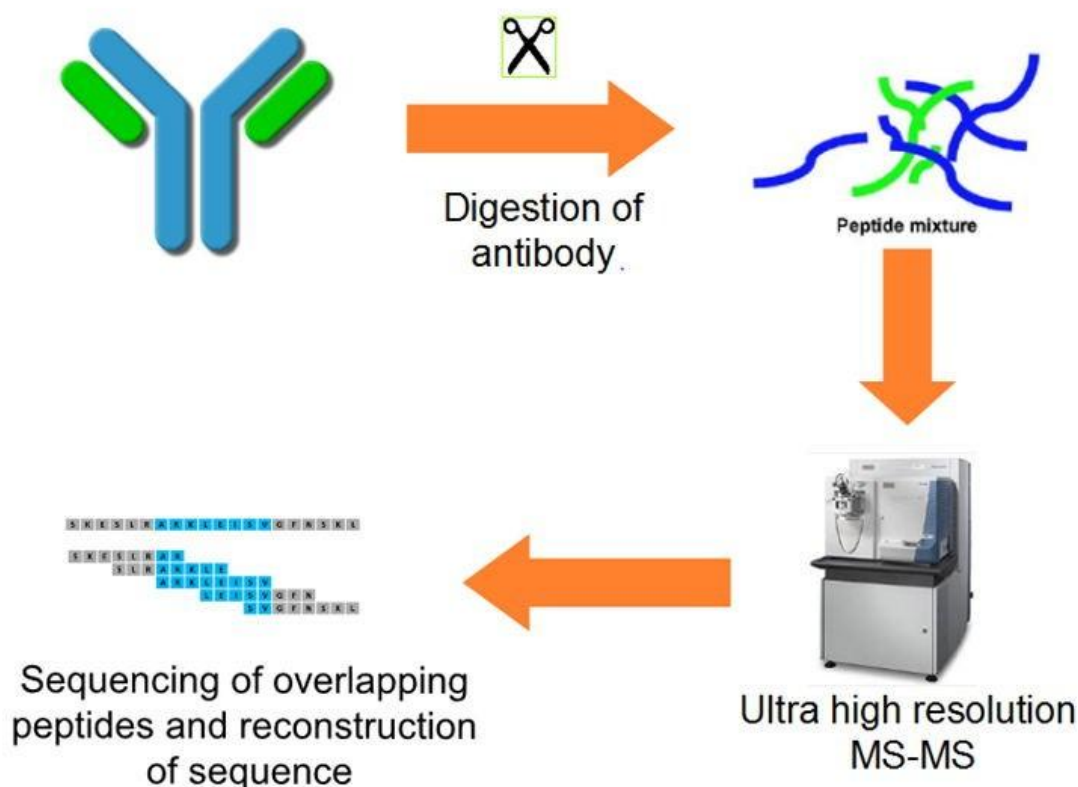
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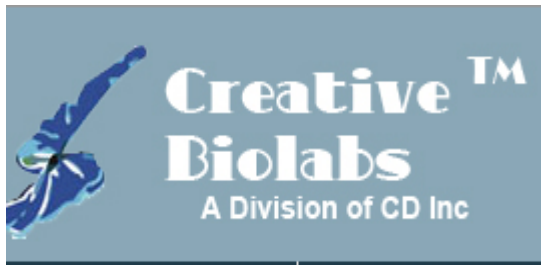
Advances in Antibody Sequencing by Creative Biolabs Enables Quicker Testing and Results Using DASS Technology

In today's age speed is always an advantage especially when it comes to needing answers to any medical issues. DNA testing using the De Novo and Shotgun sequencing methods has meant a huge jump in how fast problems are solved.

De Novo sequencing refers to the method that is used whereby a DNA sequence is able to be identified where its previous sequencing is not known. Shotgun sequencing speeds up the methods used but can be extremely complex and not as accurate. With the new DASS or Database Assisted Shotgun Sequencing method sequencing services can be sped up and the accuracy increased to almost 100%.



Where the DASS method truly stands out is in areas where [antibody sequencing](#) services are aimed at assisting with research; therapeutic and diagnostic industries. What it offers are full sequencing that includes light and full length heavy chain antibody sequences for all types of



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species. It has proven to be a reliable support for proof of QC Analysis; IND/NDA applications and confirmation or validation of produced [mAb](#).

Of course the real benefit and advantages of the system means that there is now a much quicker way to get monoclonal antibody sequencing completed. It has opened up new doors as to how fast antibody sequencing can be completed.

What this means to the world is that antibody based drug institutes can impact how the biotech industry will be able to make a positive impact on the world. It will help in verifying the integrity as well as the effectiveness of an antibody on a cell that has undergone changes. For the average man on the street what this means is that the way in which we are able to control and fight disease and illness; even after they have mutated, will become much more effective.

It is almost like having an eye into the future of how a disease may change or develop. But the main advantage is that previously [DNA sequencing](#) as well as antibody sequencing could only be done on short strands of DNA broken down into sequences and then overlapped which was a longer process. With the DASS system using a combination of De Novo and Shotgun it has made the sequencing of longer stands faster and more accurate.

Although there is still much to learn as far as sequencing is concerned; with advances made by [Creative Biolabs](#) that has been in operation since 2004 has been tested to be significant for researches; DNA and antibody advancement is fast becoming a reality that will enhance the lives of every species on the planet.

About Creative Biolabs Antibody Sequencing

Through extensive research, Creative Biolabs has discovered that all isotypes, allotypes and species of antibodies may be successfully sequenced through the De Novo method with 100% total coverage. The company service specifications include: Sequencing of the V and J and C segments by DASS, De Novo Sequencing of the CDR3 region, Isobaric amino acids, Sequencing of fluorochrome mABs, IgMs and other non-standard antibodies, and Validation of targeted Sequence. As a result, a number of promising cases have emerged from the Creative Biolabs studies, allowing for a boast of complete satisfaction and 100% accuracy in all cases.

Contact

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