
Antibody Epitopes Alive

From individual antibody epitope fingerprints to epitopes covering a serum's entire antibody immunome

How to order

What affects the price

What does epitopic need from me



In a nutshell: Amounts of Antibodies and Price

- Mapping at epitopic requires minimal amounts of antibodies
 - Monoclonals at least 10 µg or in a solution with other proteins (stability issue!)
 - 20-50 µl of serum, depends on the epitope and antibody class of interest
 - Cell culture supernatants or ascites comparable to the above
- Price: We usually care about speed
 - We usually care about speed: Immediate analysis, e.g. 10-15 workdays, is possible
 - Economic packages for up to 100 antibodies are available
 - Academia? Low budget? You can wait? Join a pooled project for individual antibodies

Ruler 1	1	10	20
Consensus	---	LYTSDgywsg	---
CD184_1-30	MEPI	SVSLY	TSDNYSEEVGSGDYDSN
CD184-CPE-2pr-YTSD-seq1 count=723	---	TYTSD	FWNQEIETSSD
CD184-CPE-2pr-YTSD-seq2 count=344	---	VYTSD	DFHVEIGYGQD
CD184-CPE-2pr-YTSD-seq5 count=40	---	VYTSD	DWAQECVANHC
CD184-CPE-2pr-YTSD-seq21 count=28	---	LYTSD	GYWSEWESQAN
CD184-CPE-2pr-YTSD-seq37 count=26	---	LYTSD	GYWSEWQPHTA
CD184-CPE-2pr-YTSD-seq42 count=182	---	LYTSD	GYWSEWGHICN
CD184-CPE-2pr-YTSD-seq63 count=25	---	LYTSD	DWEGGQVFLHA
CD184-CPE-2pr-YTSD-seq185 count=15	---	VYTSD	DWAQECIQQFD
CD184-CPE-2pr-YTSD-seq1472 count=46	---	NIHS	EYTDIEEQEYY
CD184-CPE-2pr-IYTS-seq1 count=25	---	LYTSD	DWEGGQVFLHA
CD184-CPE-2pr-IYTS-seq4 count=182	---	LYTSD	GYWSEWGHICN
CD184-CPE-2pr-IYTS-seq7 count=18	---	LYTSD	WVWFQHFPPYSSD
CD184-CPE-2pr-IYTS-seq10 count=26	---	LYTSD	GYWSEWQPHTA
CD184-CPE-2pr-IYTS-seq15 count=28	---	LYTSD	GYWSEWESQAN
CD184-CPE-2pr-IYTS-seq32 count=15	---	LYTSD	ENHWEIDSYHN
CD184-CPE-2pr-IYTS-seq342 count=411	---	YTAS	YTS ELQYVEND
CD184-CPE-2pr-IYTS-seq343 count=768	---	PWFS	YTS EEEGFADF
CD184-CPE-2pr-IYTS-seq344 count=222	---	GNS	YTS EDEF EY
CD184-CPE-2pr-IYTS-seq371 count=51	---	EQWS	YTS EYNEEVA
CD184-CPE-2pr-IYTS-seq428 count=12	---	PWFS	YTS EEEACDCF
CD184-CPE-2pr-IYTS-seq527 count=12	---	RWTS	YTS AYEIEEC



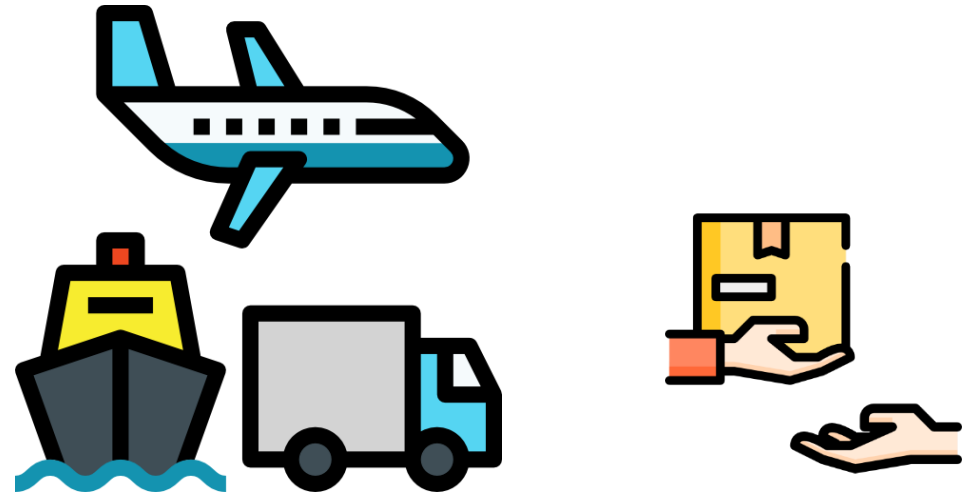
What we must know

- In advance we would like to know
 - Number of antibodies
 - Antigen(s) (if known)
 - Degree of purification
 - Time schedules



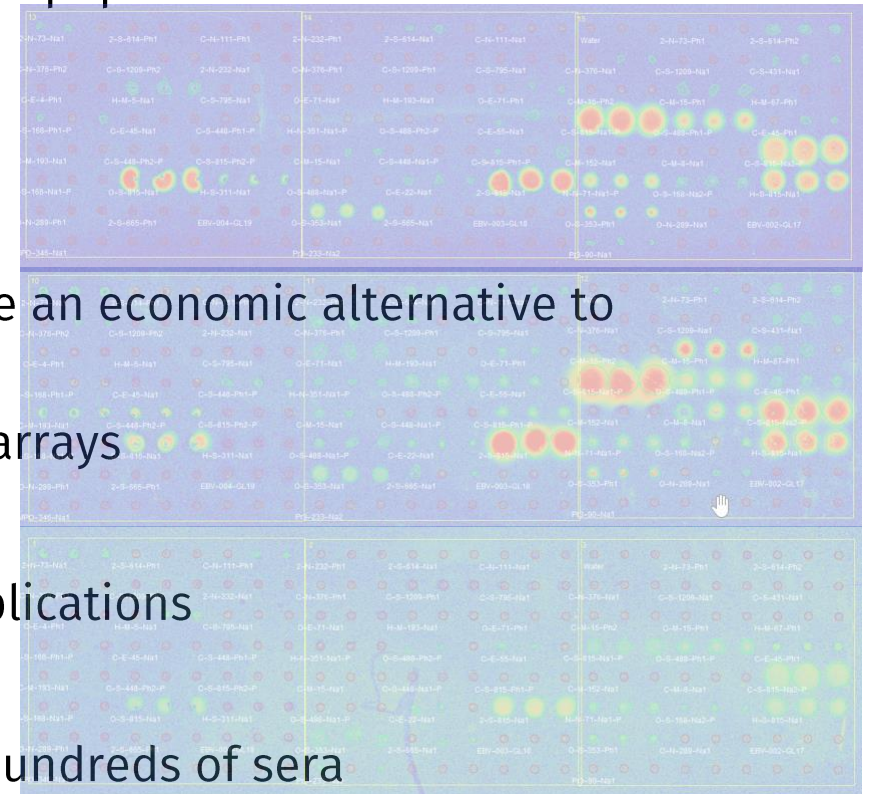
What we must know

- For the delivery and the delivered materials
 - Fill out the data sheet sent to you by epitopic
 - Check with epitopic and shipper about potential delays, we want your samples to arrive safely and intact
 - Plan properly pick-up and delivery dates, we are always surprised about the different holidays all over the world



Peptide Arrays

- Highly purified peptides are printed on peptide microarrays
 - This guarantees proper sequences AND structure (Cys-Cys) of the peptides
 - No waste with having all peptides of an antigen being printed
 - Alternate antigens or variations are easily covered
- Individual antibodies
 - When mapping a larger number of antibodies peptide arrays are an economic alternative to expensive in-house procedures
 - Peptide epitopes, variants and mimotopes are printed in microarrays
 - Minimal amounts of antibodies are required to
 - Check species specificities or use mimotopes for diagnostic applications
- Serum antibodies
 - Unambiguous identification of antibodies by their epitopes in hundreds of sera
 - Future use of arrays for in house procedures



Reporting

- Success of our work is depending on permanent communication with each customer, this includes
 - Detailed planning of the project and potential special features of the individual analyses.
 - Support in the shipping details.
 - Intermediate reporting on the progress with the work packages.
 - Discussion of intermediate results, whenever this is necessary.
 - Detailed presentation and discussion of the final report
- The project does not end with the last report.
 - The data will be kept available as long as you like.
 - For example, existing serum data sets can be looked up for alternative antigens.
 - We like to get your feedback after completion of our work, so we can further improve our services and help you to use the results at your best.



Invoicing

- Depending on the size of the project we are usually issuing an intermediate and a final invoice.
- 1-3 weeks after arrival of the samples the NGS data required for the final analysis is completed. A first report and a partial invoice will be issued.
- 4-6 weeks after arrival of samples we are preparing a final report and invoice.
- Peptide-microarray analyses are invoiced separately.

Contact

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Peptide arrays: Karolin Kern, Epitopic

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