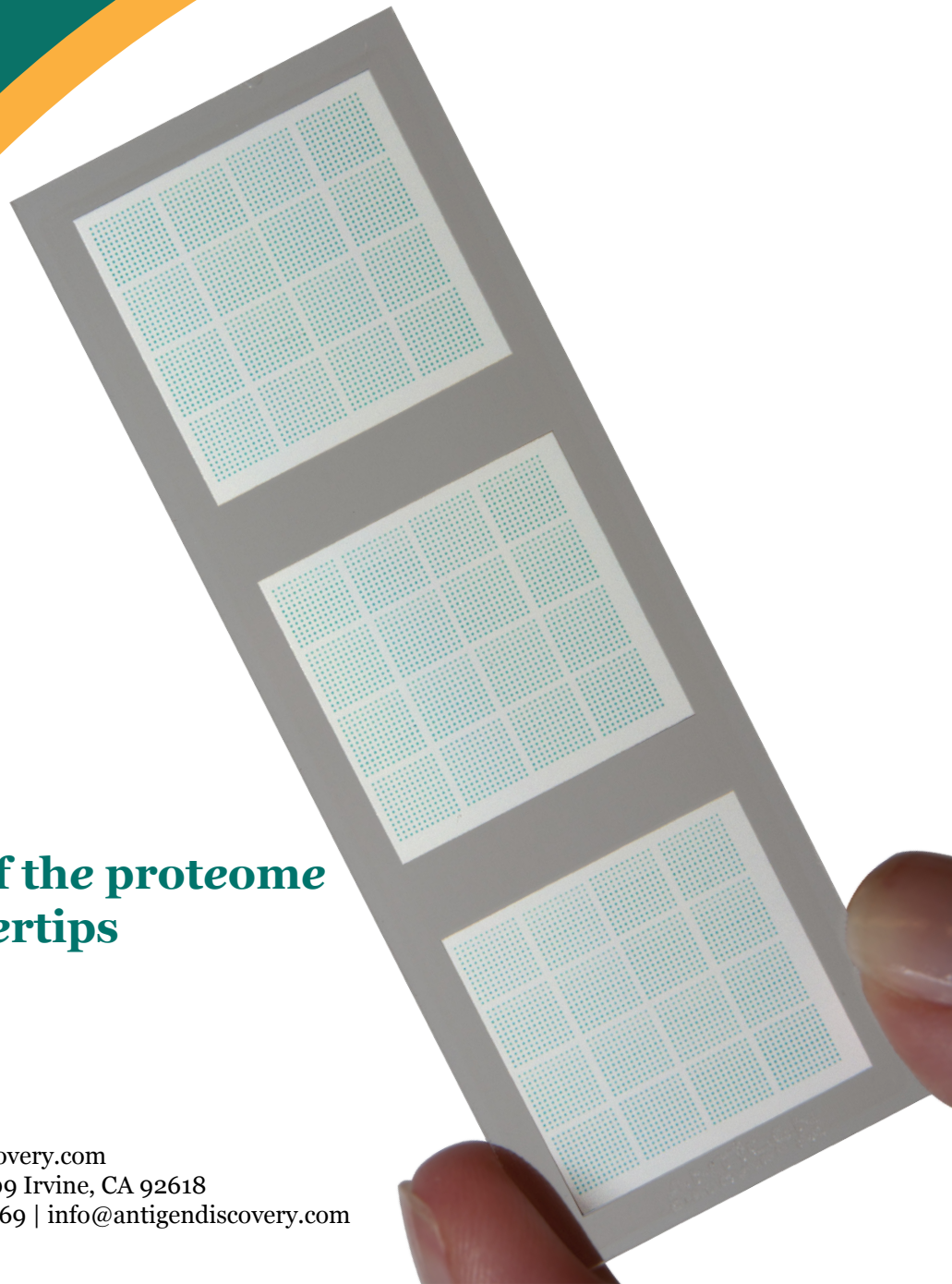


Mycobacterium tuberculosis Microarray Products

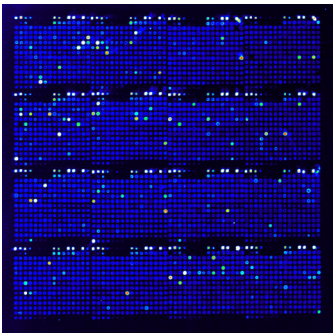
**the power of the proteome
at your fingertips**



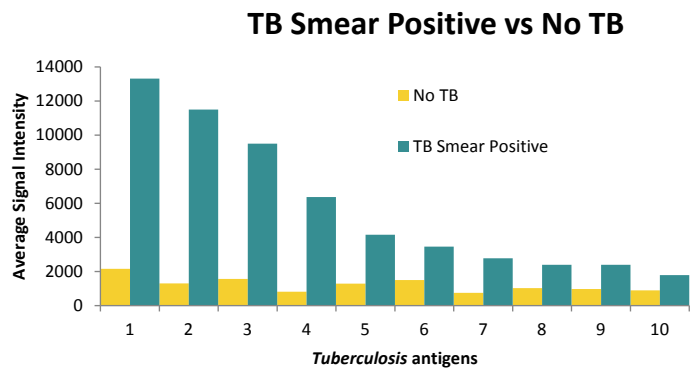
Tuberculosis Full Proteome Microarray

ADi's *Mycobacterium tuberculosis* full proteome microarrays offer a comprehensive and unbiased overview of immune response to the entire *Mtb.* proteome. By probing your serum samples on our chips, you will be able to test each sample against 4000 proteins at once. This allows for the rapid profiling of the immune response within your sample population, and the ability to make comparisons between different groups of samples for thousands of antigens.

M. tuberculosis Full proteome microarray (Cat. #: 15-MA-001)



Example of scanned slide. Fluorescence is quantified to produce data.



Comparing the signals between infected and control serum

Tuberculosis Reactive Antigen Microarray

There are many instances where examining the entire proteome is too costly or time consuming. For these cases, we offer a reactive antigen microarray. These smaller, cost effective arrays are printed with *Mtb.* antigens selected based on their reactivity or diagnostic capabilities for over a thousand tuberculosis and control serum samples probed on the full proteome microarray.

- M. tuberculosis* Reactive antigen microarray (80 arrays/pkg) (Cat. #: 15-MA-002)
- M. tuberculosis* Reactive antigen microarray (160 arrays/pkg) (Cat. #: 15-MA-003)
- M. tuberculosis* Reactive antigen microarray (320 arrays/pkg) (Cat. #: 15-MA-004)
- M. tuberculosis* Reactive antigen microarray (800 arrays/pkg) (Cat. #: 15-MA-005)

Serological Screening Services

Our microarrays are powerful tools for your research, but require specialized equipment for processing and fluorescent scanning. For laboratories that lack the infrastructure to process these unique arrays, we offer serological screening services. Our laboratories are well equipped to process your samples and return the data to you in a convenient format, ready to be analyzed. Since our method uses only a few microliters of serum, you do not have to send us a significant portion of your sample library, just small aliquots!

Reference:

Kunnath-Velayudhan, S., Salomon, H., Wang, H-Y., Davidow, A.L., Molina, D.M., Huynh, V.T., Cirillo, D.M., Michel, G., Talbot, E.A., Perkins, M.D., Felgner, P.L., Gennero, M.L. 2010. Dynamic antibody responses to the *Mycobacterium tuberculosis* proteome. PNAS, Vol. 107, No. 33.