

## PEPperCHIP® Trypanosoma Brucei Antigen Microarray

Product: PEPperCHIP® Peptide Microarray

Organism: Trypanosoma brucei brucei

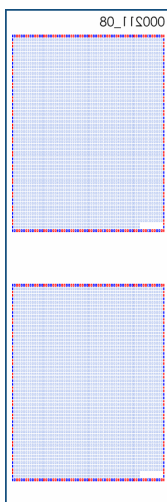
Microarray Content:	Protein	Data Base Entry	Sequence Length
	LiTat 1.3	AJ304413.1 (GenBank)	480 AA
	LiTat 1.5	HQ662603.1 (GenBank)	501 AA
	MiTat1.4	P02896 (UniProt)	526 AA

Sequence Compilation: The protein sequences were translated into 13mer peptides with a peptide-peptide overlap of 12 amino acids. The C- and N-termini of all protein were elongated by neutral GSGSGSG linkers to avoid truncated peptides. Redundant sequences are removed.

Peptide Length/Overlap: 13 AA/12 AA

Number of Peptides/Spots: 1,572/3,144 (peptide duplicates)

Microarray Layout:



Each PEPperCHIP® is marked with an individual number on the backside of the slide. The slide is placed correctly in an incubation tray with the microarray surface up when the slide number appears in the **upper right corner in a mirror view manner**.

PEPperCHIP® Trypanosoma Brucei Antigen Microarray contains two array copies and is fully compatible with 3/2 well PEPperCHIP® Incubation Tray.

Each array copy is framed by Flag and HA control peptides (116 spots each peptide).

Microarray Layout Files: Excel: Peptide\_Map\_TrypanosomaBrucei\_Antigen\_Microarray.xlsx

GenePix® Pro: TrypanosomaBrucei\_Antigen.gal

PepSlide® Analyzer: TrypanosomaBrucei\_Antigen.psf