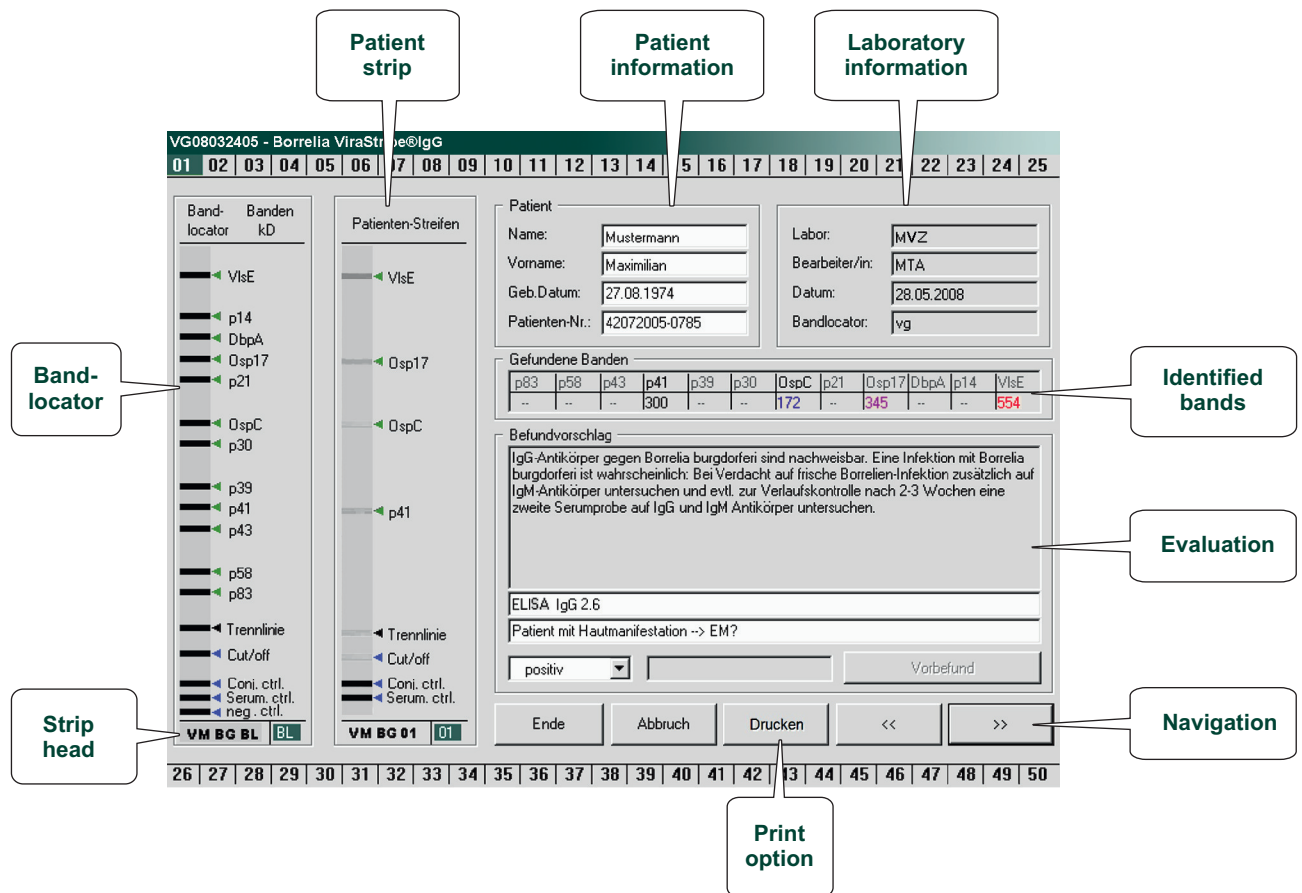


Analysis of Immunoblots using

ViraScan® Software

Interpretation, Evaluation and Archiving of ViraStripe® and ViraBlot® test strips



The screenshot shows the ViraScan software interface for analyzing a Borrelia ViraStripe test strip. The interface is divided into several sections:

- Patient strip:** Shows the test strip image with bands for various antigens (VisE, p14, DbpA, Osp17, p21, OspC, p30, p39, p41, p43, p58, p83, Trennlinie, Cut/off, Coni. ctrl., Serum. ctrl., neg. ctrl.).
- Patient information:** Includes fields for Name (Mustermann), Vorname (Maximilian), Geb.Datum (27.08.1974), Patienten-Nr. (42072005-0785), Labor (MVZ), Bearbeiter/in (MTA), Datum (28.05.2008), and Bandlocator (vg).
- Laboratory information:** Similar to patient information, showing lab details.
- Band-locator:** A list of antigens and their corresponding band positions on the strip.
- Strip head:** The top part of the test strip showing the antigen names.
- Identified bands:** A table showing the intensity of detected bands.

p83	p58	p43	p41	p39	p30	OspC	p21	Osp17	DbpA	p14	VisE
--	--	--	300	--	--	172	--	345	--	--	554
- Evaluation:** A text box providing a clinical interpretation: "IgG-Antikörper gegen Borrelia burgdorferi sind nachweisbar. Eine Infektion mit Borrelia burgdorferi ist wahrscheinlich. Bei Verdacht auf frische Borrelien-Infektion zusätzlich auf IgM-Antikörper untersuchen und evtl. zur Verlaufskontrolle nach 2-3 Wochen eine zweite Serumprobe auf IgG und IgM Antikörper untersuchen."
- Navigation:** Buttons for "Ende", "Abbruch", "Drucken", and navigation arrows.
- Print option:** A button for printing the results.

- Imports patient data from LIS
- Converts band intensities to numerical values
- Enables a standardised evaluation
- Uses individual print options
- Exports patient data to LIS
- Archives data safely and reliably



Minimum system requirements:

PC
 Pentium III: 1000 MHz
 Connection: USB 2.0
 RAM: 256 MB
 Hard disk storage: 1,0 GB

Monitor: SVGA
 System: Win 2000, Win XP or Win7 32 bit
 Scanner: ViraCam® or 100% Twain compatible
Order information
 ViraScan®: Product no. V-VSNUPR

