

Kubios Accessibility Conformance Report

WCAG Edition

(Based on VPAT® Version 2.5)

Name of Product/Version: Kubios HRV Scientific, ver. 4.3.0 (closed computer software)

Report Date: Mar 27, 2026

Product Description: Heart rate variability (HRV) analysis software

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Evaluation Methods Used: The functionality of the software was tested by a Kubios employee with experience on HRV analysis, using a standard Windows or Mac computer. In addition, visual evaluation of tutorial videos and other supporting material were conducted while fulfilling this report.

Applicable Standards/Guidelines

This report covers the degree of conformance for the following accessibility standard/guidelines:

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.0	Level A (Yes) Level AA (Yes) Level AAA (Yes)

Standard/Guideline	Included In Report
Web Content Accessibility Guidelines 2.1	Level A (Yes) Level AA (Yes) Level AAA (Yes)
Web Content Accessibility Guidelines 2.2	Level A (Yes) Level AA (Yes) Level AAA (Yes)

Terms

The terms used in the Conformance Level information are defined as follows:

- **Supports:** The functionality of the product has at least one method that meets the criterion without known defects or meets with equivalent facilitation.
- **Partially Supports:** Some functionality of the product does not meet the criterion.
- **Does Not Support:** The majority of product functionality does not meet the criterion.
- **Not Applicable:** The criterion is not relevant to the product.
- **Not Evaluated:** The product has not been evaluated against the criterion. This can only be used in WCAG Level AAA criteria.

WCAG 2.x Report

Note: When reporting on conformance with the WCAG 2.x Success Criteria, they are scoped for full pages, complete processes, and accessibility-supported ways of using technology as documented in the [WCAG 2.0 Conformance Requirements](#).

Table 1: Success Criteria, Level A

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.1.1 Non-text Content (Level A)	Supports	Icons and buttons include descriptive tooltips. In addition, dedicated 'Info buttons' are available for all main functionalities to provide text-based context for visual elements.
1.2.1 Audio-only and Video-only (Prerecorded) (Level A)	Not Applicable	Software does not include audio or video content.
1.2.2 Captions (Prerecorded) (Level A)	Not Applicable	
1.2.3 Audio Description or Media Alternative (Prerecorded) (Level A)	Not Applicable	
1.3.1 Info and Relationships (Level A)	Not Applicable	Same content for all software users.
1.3.2 Meaningful Sequence (Level A)	Not Applicable	
1.3.3 Sensory Characteristics (Level A)	Not Applicable	
1.4.1 Use of Color (Level A)	Supports	Light and dark color themes are available (to enable user to choose their preferred color theme). All actionable parts are distinguished by hovers and UI controls. For color-coded lines, the text descriptions are available for color zones.
1.4.2 Audio Control (Level A)	Not Applicable	Software does not include audio
2.1.1 Keyboard (Level A)	Partially Supports	Core navigation is supported via keyboard, allowing users to move through main functionalities using Ctrl/Cmd + arrow keys and Tab. However, some operations require use of a mouse.
2.1.2 No Keyboard Trap (Level A)	Supports	Focus can be changed with Tab.
2.1.4 Character Key Shortcuts (Level A 2.1 and 2.2)	Supports	
2.2.1 Timing Adjustable (Level A)	Partially Supports	All meaningful texts are static.
2.2.2 Pause, Stop, Hide (Level A)	Partially Supports	Waitbars may sometimes be shorter than 5 seconds.
2.3.1 Three Flashes or Below Threshold (Level A)	Not Applicable	No flashing content
2.4.1 Bypass Blocks (Level A)	Not Applicable	No repeated blocks

Criteria	Conformance Level	Remarks and Explanations
2.4.2 Page Titled (Level A)	Supports	UI and reports are structured with descriptive titles.
2.4.3 Focus Order (Level A)	Supports	The UI supports logical tab order and keyboard navigation through main UI components.
2.4.4 Link Purpose (In Context) (Level A)	Supports	Weblinks are self-descriptive.
2.5.1 Pointer Gestures (Level A 2.1 and 2.2)	Supports	No path-based gestures.
2.5.2 Pointer Cancellation (Level A 2.1 and 2.2)	Supports	
2.5.3 Label in Name (Level A 2.1 and 2.2)	Supports	Tooltips are available for all UI components that do not include a text label (e.g. toolbar buttons).
2.5.4 Motion Actuation (Level A 2.1 and 2.2)	Not Applicable	
3.1.1 Language of Page (Level A)	Partially Supports	The main UI is not localized, all texts shown in the UI are in English language. Results reports are localized to several languages (English, Chinese, Finnish, French, German, Italian, Japanese, Spanish, Swedish).
3.2.1 On Focus (Level A)	Supports	
3.2.2 On Input (Level A)	Supports	
3.2.6 Consistent Help (Level A 2.2 only)	Supports	
3.3.1 Error Identification (Level A)	Supports	The UI supports error dialogs for all common error cases. In addition, detailed error logs are supported to help our support team in troubleshooting unexpected user errors.
3.3.2 Labels or Instructions (Level A)	Supports	
3.3.7 Redundant Entry (Level A 2.2 only)	Supports	User entries or selections relating to all main functionalities of the software are stored in preferences and remembered.
4.1.1 Parsing (Level A) WCAG 2.0 and 2.1 – Always answer ‘Supports’ WCAG 2.2 (obsolete and removed) - Does not apply	Supports	For WCAG 2.0 and 2.1, the September 2023 errata update indicates this criterion is always supported. See the WCAG 2.0 Editorial Errata and the WCAG 2.1 Editorial Errata .
4.1.2 Name, Role, Value (Level A)	Supports	Standard user interface components used.

Table 2: Success Criteria, Level AA

Notes:

Criteria	Conformance Level	Remarks and Explanations
1.2.4 Captions (Live) (Level AA)	Supports	Tutorial videos that include audio support captions, which can be translated (live) to preferred user language (enabled by YouTube). Software UI does not include live audio
1.2.5 Audio Description (Prerecorded) (Level AA)	Supports	Tutorial videos that include audio, include captions and content description.
1.3.4 Orientation (Level AA 2.1 and 2.2)	Supports	The main UI displays signal and time series data and is designed for standard widescreen monitors. The UI can be resized for various screen sizes.
1.3.5 Identify Input Purpose (Level AA 2.1 and 2.2)	Supports	All input fields have descriptions
1.4.3 Contrast (Minimum) (Level AA)	Supports	The UI ensures standard contrast ratios for all main components. The software also supports Dark Mode, providing high-contrast options for users with light sensitivity or visual impairments.
1.4.4 Resize text (Level AA)	Partially Supports	User interface texts can be resized by changing screen scaling through computer settings. Users with low vision should utilize OS-level screen magnifiers (e.g., Windows Magnifier or macOS Zoom). They can also use High Contrast modes, which are also partially supported (excluding UI graphs).
1.4.5 Images of Text (Level AA)	Supports	Images of text are used only on logo and brand marks
1.4.10 Reflow (Level AA 2.1 and 2.2)	Does Not Support	The main UI needs to display detailed signal and time series data, and thereby the minimum recommended screen resolution is 1024 x 768 pixels. For "Reflow" issues, we recommend the use of high-resolution, large-format monitors to view complex data traces without needing excessive software-level zoom.
1.4.11 Non-text Contrast (Level AA 2.1 and 2.2)	Partially Supports	UI components and graphical traces meet contrast requirements. The Dark Mode further enhances the

Criteria	Conformance Level	Remarks and Explanations
		visibility of non-text elements like graphs and icons.
1.4.12 Text Spacing (Level AA 2.1 and 2.2)	Partially Supports	
1.4.13 Content on Hover or Focus (Level AA 2.1 and 2.2)	Supports	
2.4.5 Multiple Ways (Level AA)	Supports	
2.4.6 Headings and Labels (Level AA)	Supports	
2.4.7 Focus Visible (Level AA)	Supports	
2.4.11 Focus Not Obscured (Minimum) (Level AA 2.2 only)	Supports	
2.5.7 Dragging Movements (Level AA 2.2 only)	Partially Supports	Some functionalities rely on dragging with mouse.
2.5.8 Target Size (Minimum) (Level AA 2.2 only)	Partially Supports	
3.1.2 Language of Parts (Level AA)	Does Not Support	Standalone application where text is mostly not assessable programmatically.
3.2.3 Consistent Navigation (Level AA)	Supported	Navigation is consistent across the application.
3.2.4 Consistent Identification (Level AA)	Supported	
3.3.3 Error Suggestion (Level AA)	Partially Supported	Most input fields include user entry validation, but not all input fields provide feedback for the user input errors.
3.3.4 Error Prevention (Legal, Financial, Data) (Level AA)	Not Applicable	
3.3.8 Accessible Authentication (Minimum) (Level AA 2.2 only)	Partially Supports	Software requires login with username and password in first run. Login information can be stored to make logins effortless in next runs. Users having trouble remembering their login credentials may use a third-party password manager application.
4.1.3 Status Messages (Level AA 2.1 and 2.2)	Partially Supports	New features or changes in functionality are described in release notes.

Table 3: Success Criteria, Level AAA

Notes:

Criteria	Conformance Level	Remarks and Explanations
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Criteria	Conformance Level	Remarks and Explanations
1.2.6 Sign Language (Prerecorded) (Level AAA)	Not supported	Tutorial videos with audio do not support sign language. Software does not include audio.
1.2.7 Extended Audio Description (Prerecorded) (Level AAA)	Partially Supports	Tutorial videos include key information as text.
1.2.8 Media Alternative (Prerecorded) (Level AAA)	Partially Supports	Tutorial videos include key information as text.
1.2.9 Audio-only (Live) (Level AAA)	Not Applicable	No live audio.
1.3.6 Identify Purpose (Level AAA 2.1 and 2.2)	Does Not Support	
1.4.6 Contrast (Enhanced) (Level AAA)	Does Not Support	
1.4.7 Low or No Background Audio (Level AAA)	Not Applicable	Software does not include audio-only content.
1.4.8 Visual Presentation (Level AAA)	Does Not Support	
1.4.9 Images of Text (No Exception) (Level AAA)	Supported	
2.1.3 Keyboard (No Exception) (Level AAA)	Partially Supported	While some data-cleaning tasks still require a pointing device, a keyboard-only navigation is supported for all main functionalities.
2.2.3 No Timing (Level AAA)	Supported	No time limits in using the software
2.2.4 Interruptions (Level AAA)	Partially Supported	User may be interrupted in case session cannot be renewed due to poor internet connection.
2.2.5 Re-authenticating (Level AAA)	Partially Supported	In case session cannot be renewed, user is warned about it and they can store the data in time.
2.2.6 Timeouts (Level AAA 2.1 and 2.2)	Supported	No timeouts.
2.3.2 Three Flashes (Level AAA)	Supported	No flashing content.
2.3.3 Animation from Interactions (Level AAA 2.1 and 2.2)	Supported	No motion animations.
2.4.8 Location (Level AAA)	Partially Supports	Location is mostly indicated by highlighting the active module.
2.4.9 Link Purpose (Link Only) (Level AAA)	Partially Supports	Descriptive names for most links.
2.4.10 Section Headings (Level AAA)	Supported	Section headings are used to organize content.
2.4.12 Focus Not Obscured (Enhanced) (Level AAA 2.2 only)	Supported	
2.4.13 Focus Appearance (Level AAA 2.2 only)	Supported	
2.5.5 Target Size (Level AAA 2.1 and 2.2)	Does Not Support	Many of the clickable parts are smaller than 44x44 pixels.

Criteria	Conformance Level	Remarks and Explanations
2.5.6 Concurrent Input Mechanisms (Level AAA 2.1 and 2.2)	Supported	
3.1.3 Unusual Words (Level AAA)	Does Not Support	
3.1.4 Abbreviations (Level AAA)	Does Not Support	
3.1.5 Reading Level (Level AAA)	Does Not Support	
3.1.6 Pronunciation (Level AAA)	Does Not Support	
3.2.5 Change on Request (Level AAA)	Supported	Software updates are not run automatically.
3.3.5 Help (Level AAA)	Supported	Descriptive texts, tooltips, and info dialogs are available in the UI to help users. In addition, a detailed User's Guide is available.
3.3.6 Error Prevention (All) (Level AAA)	Partially Supports	Most input fields include user entry validation. Software settings can be returned to factory settings when necessary.
3.3.9 Accessible Authentication (Enhanced) (Level AAA 2.2 only)	Partially Supports	Software requires login with username and password in first run, but login information can be stored to make logins effortless in next runs. "Forgot password" mechanism is available.

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The Software (including without limitation the related Documentation) is provided on an "as is" basis, without warranty of any kind, including without limitation the warranties that it is free of defects or fit for a particular purpose. The entire risk as to the quality and performance of the Software is borne by Licensee or End User of the Software.