Reproductive Health Research Analysis Software (RHAS) v1.2 Release Notes

New Features/Updates for RHAS 1.2

- RHAS 1.2 only upgrades from RHAS 1.1 or above.
  There is no upgrade from RHAS 1.0. If you have RHAS 1.0, please use add/remove to uninstall and then install RHAS 1.2.
- Support on Windows 11
- The artifact reduction parameter is now tuned to specific GeneTitan camera type.
- Allow users to view MegaPlot Region for CN regions.
- Allow users to export genotypes for a full plate of samples.
- No longer prompts for username/password to download library files from NetAffx.

Known issues in RHAS 1.2

- Gender file contents are case sensitive. Make sure that the file name is the same case (upper and/or lower case)

Recommended and minimum requirements

Table 1 Software

System Properties	Recommended System Requirements	Minimum System Requirements
Processor	Intel Pentium 4x2.83 GHz Quad Core Processor	Intel Pentium 4x2.83 GHz Quad Core Processor
64-bit Windows Operating System and Web Browser	Microsoft Windows 10 (64-bit) Professional or Windows 11 Internet Explorer 11.0 (or above) or Microsoft Edge	Microsoft Windows 10 (64-bit) Professional or Windows 11 Internet Explorer 11.0 (or above) or Microsoft Edge
Available Disk Space	250 GB HD + data storage	150 GB HD + data storage
Free Disk Space Required at Installation	$\geq$ 5 GB	$\geq$ 5 GB
RAM	32 GB	16 GB

Library file packages

Table 2 Available RHAS Library file packages

Array name	hg38
CytoScan HTCMA (96 format)	CytoScan_HTCMA_96.r3.1.zip

Table 3 Available MSV Library file packages

MSV Files	hg19/hg38
MSV Files	MSV_RHAS_Files.r2.zip