

Changes between RDML v1.0 to v1.1 (2010-11-22)

dataType

The element quantity was removed. The quantity is a result of calculation and should be given in a result section (to be implemented in a future version). Quantities of standard samples should be provided with the sample description and different dilutions of a standard curve should have a different sample name. If a Cq value is not available, the Cq value must be set to -1.0.

dyeType

A new top-level element for the dye. Each target must refer to a dye to allow reconstruction of a plate in multiplex situations (could lead to undefined situations in v1.0).

pcrFormatType

The pcrFormatType was redesigned. In v1.0 every new run type (plate, rotor, array, chip) required an update of the schema. In v1.1 the run setup is defined by providing columns and rows in combination with a numbering schema for the wells (left to right, rows first).

primingMethodType

The method other was added to the list.

reactType

The id format was changed to a number (integer) (e.g. reaction 1) instead of the previous letter+number notation (e.g. reaction A1). All reactions should be numbered by position as described (left to right, rows first). The wells are numbered by position.

sampleType

The elements templateRNAQuantity and templateDNAQuantity were changed from double to quantityType giving more flexibility in providing quantity information.

sampleTypeType

The sample types ntp (no target present), nrt (no reverse transcriptase, or -RT) and pos (positive control) were added.

targetType

A descriptive string amplificationEfficiencyMethod was introduced for the user to provide information on the method used to determine PCR amplification efficiency. The element dyield must refer to a dye element by id (it was an optional string in v1.0).

thirdPartyExtensionsType

The element allowing third party extensions was removed. The extensions should be provided as separate files and included into the RDML archive before compression. See Introduction_to_RDML.txt for details.

rdml

A new element dye was added which is used by the target elements.