



# File Format Specification

**IF**

**2006-06-26**

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## 1 Change history

Revision	Date	Author	Description
1.0	26.6.2007	Vesa Oikonen, Calle Laakkonen	New document format, based on version 2007-02-10

## 2 Background

IF format is used for example in Imanet Hammersmith to save the input (plasma corrected for metabolites and whole blood) time-activity curves (TACs).

Note that the file format for regional tissue data files ([\\*.idwc](#)) in Imanet Hammersmith is different.

## 3 Format

The IF file is in ASCII text format. Its first line contains the number of samples. The following lines contain the samples data, each sample on its own line. The sample TAC data consists of three columns (separated by tabulators):

1. Sample time (in sec)
2. Metabolite corrected radioactivity concentration in plasma
3. Total radioactivity concentration in whole blood

For example, the contents of an IDWC file could be:

```
305
0.498000      0.000000      0.000000
1.500000      0.000000      0.000000
2.502000      0.000000      0.000000
...
37.500000     3.373000      2.916000
...
120.498000    30.060000     27.020000
...
299.502000    5.105000      5.683000
480.000000    3.493000      5.163000
720.000000    2.403000      5.091000
1500.000000   0.960500      5.333000
2701.020000   0.440600      4.846000
3598.980000   0.326800      4.457000
4500.000000   0.268200      4.106000
5400.000000   0.240400      3.937000
```