|  |  |  |
| --- | --- | --- |
| Normal | Abnormal | Value |
| biospecimen | biospecimen | CSF , Blood , AF , Feces , Urine |
| concentration\_value | concentration\_value |  |
| concentration\_units | concentration\_unit |  |
| patient\_age | subject\_age | Adult , Children , Elderly , Not specified |
| patient\_sex | subject\_sex | Male , Female , Both |
| patient\_information | subject\_information |  |
| comment | comment | Detail explanation of the disease , might exist or not |
| reference\_text |  |  |
| pubmed\_id |  |  |

Data Sample from first xml

biospecimen : Blood

concentration\_value : 51.2 +/- 17.6

concentration\_units : uM

patient\_age : Adult (>18 years old)

patient\_sex : Female

patient\_information : Pregnancy with fetuses with trisomy 18

comment : Pregnancies between 11 weeks and 13 weeks 6 daysâ€™ gestation with fetuses with trisomy 18

reference\_text : Bahado-Singh RO, Akolekar R, Chelliah A, Mandal R, Dong E, Kruger M, Wishart DS, Nicolaides K: Metabolomic analysis for first-trimester trisomy 18 detection. Am J Obstet Gynecol. 2013 Jul;209(1):65.e1-9. doi: 10.1016/j.ajog.2013.03.028. Epub 2013 Mar 25.

pubmed\_id : 23535240