|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Supplemental Table 1. Baseline vitamin E (α-tocopherol, µmol/L) concentrations reported in research studies summarized in 3 published meta-analyses. | | | | | |
| Ref No | Study, Year | Abner et al. 2011 ([1](#_ENREF_1)) | Biesalski et al, 2010 ([2](#_ENREF_2)) | Miller et al., 2005 ([3](#_ENREF_3)) | Baseline α-tocopherol (µmol/L) |
|  | Study, Year | Ref No | Ref No | Ref No |
| ([4](#_ENREF_4)) | Avenell et al., 2005 | 41 | 83 |  |  |
| ([5](#_ENREF_5)) | Girondon et al., 1997 | 42 | 33 |  | 29.3 |
| ([6](#_ENREF_6)) | Girondon et al., 1999 | 43 | 34 | 35 | 29.1 |
| ([7](#_ENREF_7)) | CTNSARC, 2009 | 44 |  |  |  |
| ([8](#_ENREF_8)) | Blot et al., 1995 | 45 | 8 | 36 |  |
| ([9](#_ENREF_9)) | Hercberg et al., 2004 | 46 | 13 |  | 32 |
| ([10](#_ENREF_10)) | Chandra et al., 1992 | 47 |  |  |  |
| ([11](#_ENREF_11)) | Pike and Chandra, 1995 | 48 | 37 |  |  |
| ([12](#_ENREF_12)) | Wright et al., 2006 | 49 |  |  | 27.6 |
| ([13](#_ENREF_13)) | Li et al., 1993 | 50 | 42 |  |  |
| ([14](#_ENREF_14)) | Takamatsu et al., 1995 | 51 | 45 |  |  |
| ([15](#_ENREF_15)) | Meydani et al., 2004 | 52 | 35 |  | 26.7 |
| ([16](#_ENREF_16)) | ARMDS, 1996 | 53 |  |  |  |
| ([17](#_ENREF_17)) | You et al., 2001 | 54 | 61 | 41 | 17.5 |
| ([18](#_ENREF_18)) | Graat et al., 2002 | 55 | 65 |  | 29 |
| ([19](#_ENREF_19)) | Salonen et al., 2003 | 56 | 73 |  | 33 |
| ([20](#_ENREF_20)) | Cook et al., 2007 | 57 |  |  | 28.2 |
| ([21](#_ENREF_21)) | Lee et al., 2005 | 8 | 14 |  |  |
| ([22](#_ENREF_22)) | GISSI, 1999 | 58 | 10 | 42 |  |
| ([23](#_ENREF_23)) | de Gaetano et al., 2001 | 59 | 62 | 43 |  |
| ([24](#_ENREF_24)) | Bukin et al., 1997 | 60 |  |  | 16 |
| ([25](#_ENREF_25)) | Mooney et al., 2005 | 61 | 86 |  |  |
| ([26](#_ENREF_26)) | Milman et al., 2008 | 62 |  |  |  |
| ([27](#_ENREF_27)) | de Waart et al., 2001 | 63 | 63 |  |  |
| ([28](#_ENREF_28)) | McKeown-Eyssen et al., 1988 | 64 | 39 |  |  |
| ([29](#_ENREF_29)) | Bairati et al., 2006 | 65 |  |  | 33 |
| ([30](#_ENREF_30)) | Hodis et al., 2002 | 66 | 56 |  | 22.1 |
| ([31](#_ENREF_31)) | Lonn et al., 2005 | 67 | 12 |  | 29 |
| ([32](#_ENREF_32)) | Lippman et al., 2008 | 9 |  |  | 29 |
| ([33](#_ENREF_33)) | AREDS, 2001 | 68 | 18 |  |  |
| ([34](#_ENREF_34)) | Sesso et al., 2008 | 69 |  |  |  |
| ([35](#_ENREF_35)) | Greenberg et al., 1994 | 70 | 44 | 46 | 33 |
| ([36](#_ENREF_36)) | Antoniadi et al., 2008 | 71 |  |  |  |
| ([37](#_ENREF_37)) | de la Maza et al., 1995 | 72 | 46 |  | 15 |
| ([38](#_ENREF_38)) | Richer et al., 2004 | 73 | 50 |  |  |
| ([39](#_ENREF_39)) | Wluka et al., 2002 | 74 | 70 |  |  |
| ([40](#_ENREF_40)) | Magliano et al., 2006 | 75 |  |  |  |
| ([41](#_ENREF_41)) | McNeil et al., 2004 | 76 | 79 | 47 | 39 |
| ([42](#_ENREF_42)) | Pathak et al., 2005 | 78 |  |  |  |
| ([43](#_ENREF_43)) | Stephens et al., 2005 | 79 |  |  | 34.2 |
| ([44](#_ENREF_44)) | Plummer et al., 2007 | 80 |  |  | 26.7 |
| ([45](#_ENREF_45)) | Takagi et al., 2003 | 81 | 75 |  | 17 |
| ([46](#_ENREF_46)) | CLIPS, 2006 | 82 |  |  |  |
| ([47](#_ENREF_47)) | Chylack et al., 2002 | 7 | 64 | 48 | 27 |
| ([48](#_ENREF_48)) | MRC/BHF HPS, 2002 | 83 | 66 |  | 27 |
| ([49](#_ENREF_49)) | Bugianesi et al., 2005 | 84 |  |  |  |
| ([50](#_ENREF_50)) | Fang et al., 2002 | 85 |  |  | 27 |
| ([51](#_ENREF_51)) | Boaz et al., 2000 | 5 | 55 | 50 | 23 |
| ([52](#_ENREF_52)) | Brown et al., 2001 | 86 | 58 |  | 34.9 |
| ([53](#_ENREF_53)) | Waters et al., 2002 | 87 | 68 | 51 | 28 |
| ([54](#_ENREF_54)) | Stevic et al., 2001 | 88 | 60 |  |  |
| ([55](#_ENREF_55)) | Singh et al., 2007 | 89 |  | 52 | 46 |
| ([56](#_ENREF_56)) | Sano et al., 1997 | 90 | 53 |  |  |
| ([57](#_ENREF_57)) | Marras et al., 2005 | 91 | 85 |  |  |
| ([58](#_ENREF_58)) | Petersen et al., 2005 | 92 | 87 |  |  |
| ([59](#_ENREF_59)) | Graf et al., 2005 | 93 |  |  | 39 |
| ([60](#_ENREF_60)) | Sweeting et al., 2004 | 94 |  |  |  |
| ([61](#_ENREF_61)) | Zureik et al., 2004 |  |  | 37 | 32 |
| ([62](#_ENREF_62)) | ATBC, 1994 |  |  | 38 | 26.7 |
| ([63](#_ENREF_63)) | Virtamo et al., 2003 |  | 8 | 39 |  |
| ([13](#_ENREF_13)) | Li et al., 1993 |  |  | 40 |  |
| ([64](#_ENREF_64)) | Yusef et al., 2000 |  |  | 44 | 29 |
| ([33](#_ENREF_33)) | AREDS, 2001 |  |  | 45 | 33 |
| ([65](#_ENREF_65)) | DATATOP, 1998 |  |  | 53 | 46 |
| ([66](#_ENREF_66)) | Hennekens et al., 1996 |  | 15 |  |  |
| ([67](#_ENREF_67)) | Penn et al., 1991 |  | 36 |  |  |
| ([68](#_ENREF_68)) | Gillilan et al., 1977 |  | 38 |  | 17.9 |
| ([69](#_ENREF_69)) | Greenberg et al., 1990 |  | 40 | 33 |  |
| ([70](#_ENREF_70)) | Murphy et al., 1992 |  | 41 |  |  |
| ([71](#_ENREF_71)) | Wenzel et al., 1993 |  | 43 |  |  |
| ([72](#_ENREF_72)) | ter Riet et al., 1995 |  | 47 |  |  |
| ([73](#_ENREF_73)) | Clark et al., 1996 |  | 48 |  |  |
| ([74](#_ENREF_74)) | Hogarth et al., 1996 |  | 49 |  |  |
| ([43](#_ENREF_43)) | Stephens et al., 1996 |  | 51 |  | 34.2 |
| ([25](#_ENREF_25)) | Moon et al., 1997 |  | 52 |  |  |
| ([75](#_ENREF_75)) | Green et al., 1999 |  | 54 |  |  |
| ([76](#_ENREF_76)) | Correa et al., 2000 |  | 56 |  |  |
| ([77](#_ENREF_77)) | Jacobson et al., 2000 |  | 57 |  |  |
| ([78](#_ENREF_78)) | White et al., 2002 |  | 69 |  | 32 |
| ([79](#_ENREF_79)) | Collins et al., 2003 |  | 71 |  |  |
| ([80](#_ENREF_80)) | Prince et al., 2003 |  | 72 |  |  |
| ([81](#_ENREF_81)) | Sasazuki et al., 2003 |  | 74 |  |  |
| ([82](#_ENREF_82)) | Allsup et al., 2004 |  | 76 |  | 29 |
| ([83](#_ENREF_83)) | Goodman et al., 2004 |  | 77 |  | 27 |
| ([84](#_ENREF_84)) | Manuel-y([84](#_ENREF_84))-Keenoy et al., 2004 |  | 78 |  | 39 |
| ([85](#_ENREF_85)) | Mezey et al., 2004 |  | 80 |  | 25.8 |
| ([38](#_ENREF_38)) | Richer et al., 2004 |  | 81 |  |  |
| ([86](#_ENREF_86)) | Limburg et al., 2005 |  | 84 |  |  |
| ([87](#_ENREF_87)) | Tam et al., 2005 |  | 88 |  |  |
| ([88](#_ENREF_88)) | Witte et al., 2005 |  | 89 |  |  |
| ([89](#_ENREF_89)) | Rayman et al., 2002 |  | 90 |  |  |
| ([90](#_ENREF_90)) | Desnuelle et al., 2001 |  | 59 |  |  |
|  |  |  |  |  |  |
| **Average baseline α-tocopherol (µmol/L)** | | **28.5** | **27.9** | **31.5** | **29.2** |

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