Table 5. Vitamin D and growth outcomes: Characteristics of cohort studies (updated from original report)

| **Author Year****Study Name****Location****(Latitude)****[PMID]** | **Population** | **Vitamin D Concentration** | **Comparisons** | **Confounders/Effect Modifiers Adjusted** | **Comments** |
| --- | --- | --- | --- | --- | --- |
| **Nutrients** | **Demograph** | **Anthrop** | **Medical** | **UV Exposure** | **Lifestyle** |
| **Radioimmunoassay** |
| Morley 2006[56](#_ENREF_56)Australia(38ºS)[16352684] | * Health status
 | singleton pregnancy; no disease | * Assay method
 | RIA | Length and weight in offspring stratified by mother’s 25(OH)D |  | x | x |  | x | x | 99% white; excluded dark skin or women with concealing clothing |
| * Mean age (range/SD), y
 | 29 |
| * Male (%)
 | 0 | * Season blood drawn
 | winter & summer |
| Gale 2008[55](#_ENREF_55)PAHSGUK (50ºN)[17311057] | * Health status
 | singleton pregnancy <17 wk | * Assay method
 | RIA | Length and weight in offspring stratified by mother’s 25(OH)D |  | x |  |  | x |  | White only |
| * Mean age (range/SD), y
 | 26.3 |
| * Male (%)
 | 0 | * Season blood drawn
 | nd |
| **Radioimmunoassay and chemiluminescence assay averaged together** |  |  |  |  |  |  |  |
| Burris 2012 [45](#_ENREF_45)Massachusetts, US | * Health status
 | nd |  |  | Weight in offspring stratified by mother’s 25(OH)D |  | X | X |  | X |  |  |
| * Mean age (range/SD), y
 | 33 (SD 4.5) |
| * Male (%)
 | 0% |
| **HPLC and tandem mass spectrometry** |
| Gernand, 2013[46](#_ENREF_46)US | * Health status
 | Singleton gestation |  |  | Weight in offspring stratified by mother’s 25(OH)D |  | X | X |  | X | X |  |
| * Mean age (range/SD), y
 | nd |
| * Male (%)
 | 0% |