**Table S1 – Search Strategy: Variability of plasma/serum and erythrocyte selenium in the first year of life: a systematic review**

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| **PubMed** | **("Selenoprotein P"[Mesh] OR SelP Protein OR "Selenium"[Mesh] OR "Phospholipid Hydroperoxide Glutathione Peroxidase"[Mesh] OR (PH-GPeroxidase) OR (PH GPeroxidase) OR (Phospholipid Hydroperoxide Glutathione Peroxidase GPX4) OR (Glutathione Peroxidase 4) OR (Selenium-Dependent Glutathione Peroxidase Type-4) OR (Selenium Dependent Glutathione Peroxidase Type 4) OR (GPX4 Phospholipid Hydroperoxide Glutathione Peroxidase) OR (Phospholipid-Hydroperoxide Glutathione Peroxidase) OR (Glutathione Peroxidase, Phospholipid-Hydroperoxide) OR (PHGPx Enzyme) OR "Selenoproteins"[Mesh] OR Selenoprotein OR (Selenoprotein P1) AND infant[Mesh])** |
| **Embase** | **('Selenoprotein P' OR 'SelP Protein' OR 'Selenium' OR 'Phospholipid Hydroperoxide Glutathione Peroxidase' OR (PH-GPeroxidase) OR (PH GPeroxidase) OR (Phospholipid Hydroperoxide Glutathione Peroxidase GPX4) OR (Glutathione Peroxidase 4) OR (Selenium-Dependent Glutathione Peroxidase Type-4) OR (Selenium Dependent Glutathione Peroxidase Type 4) OR (GPX4 Phospholipid Hydroperoxide Glutathione Peroxidase) OR (Phospholipid-Hydroperoxide Glutathione Peroxidase) OR (Glutathione Peroxidase, Phospholipid-Hydroperoxide) OR (PHGPx Enzyme) OR 'Selenoproteins' OR Selenoprotein OR (Selenoprotein P1) AND infant)** |
| **Scopus** | **TITLE-ABS-KEY ( "Selenoprotein P"  OR  "SelP Protein"  OR  "Selenium"  OR  "Phospholipid Hydroperoxide Glutathione Peroxidase"  OR  "PH GPeroxidase"  OR  "Phospholipid Hydroperoxide Glutathione Peroxidase GPX4"  OR  "Glutathione Peroxidase 4"  OR  "Selenium-Dependent Glutathione Peroxidase Type-4"  OR  "Selenium Dependent Glutathione Peroxidase Type 4"  OR  "GPX4 Phospholipid Hydroperoxide Glutathione Peroxidase"  OR  "Phospholipid-Hydroperoxide Glutathione Peroxidase"  OR  "Glutathione Peroxidase, Phospholipid-Hydroperoxide"  OR  "PHGPx Enzyme"  OR  "Selenoproteins"  OR "Selenoprotein"  OR  "Selenoprotein P1" )  AND  ( \*infant\* )  AND  ( LIMIT-TO ( EXACTKEYWORD ,  "Infant" )  OR  LIMIT-TO ( EXACTKEYWORD ,  "Child" ) )** |
| **LILACS/ ScieLO** | **("Selenoprotein P"  OR  "SelP Protein"  OR  "Selenium"  OR  "Phospholipid Hydroperoxide Glutathione Peroxidase"  OR  "PH GPeroxidase"  OR  "Phospholipid Hydroperoxide Glutathione Peroxidase GPX4"  OR  "Glutathione Peroxidase 4"  OR  "Selenium-Dependent Glutathione Peroxidase Type-4"  OR  "Selenium Dependent Glutathione Peroxidase Type 4"  OR  "GPX4 Phospholipid Hydroperoxide Glutathione Peroxidase"  OR  "Phospholipid-Hydroperoxide Glutathione Peroxidase"  OR  "Glutathione Peroxidase, Phospholipid-Hydroperoxide"  OR  "PHGPx Enzyme"  OR  "Selenoproteins"  OR  "Selenoprotein"  OR  "Selenoprotein P1")  AND  (“infant” OR  "Child")** |