Elements contents

The average of elements contents of different kidney stone samples collected from Sudanese patients (from 1 to 20), tap water (21), black tea (22), and sodium chloride (NaCl) (23) determined by Inductively Coupled Plasma - Optical Emission Spectrometer (ICP-OES) were shown in Table (3-1), (3-2), and (3-3). The result of elements concentration of the different kidney stones samples (1-20), tap water (21), black tea (22), and sodium chloride (NaCl) (23) gave indication to the concentration of element.

The content of (Ba) was high in samples (2, 6, 11, 12, 18, and black tea (22)). (see Figure 3-1, and 3-2).

Samples number (2, 4, 5, 7, 11, 12, 15, 16, 17, and 18) see increase in Ca element. (see Figure 3-3, And 3-4).

Samples number (9, 11, 18, and 20) see increase in Cr element. (see Figure 3-5, and 3-6).

Samples number (3, 4, 5, 6, 8, 12, 13, 14, 16, 18, 20 and black tea 22) see increase in Cu element. (see Figure 3-7, And 3-8).

Samples number (1, 3, 7, 17 and black tea 22) see increase in Fe element. (see Figure 3-9, And 3-10).

Samples number (1, 7, 8, 15, 17,19, and black tea 22). see increase in K element (see Figure 3-11, And 3-12).

Samples number (18, black tea (22), and table salt (23)) see increase in Mg element (see Figure 3-13, And 3-14).
samples number (12, 14, 16, 18, 20, and black tea (22)) see increase in Mn element (see Figure 3-15, And 3-16).

Sample number (18) see increase in Mo element. (see Figure 3-17, And 3-18).

Sample number (19, black tea (22), and table salt (23)) see increase in Na element (see Figure 3-19, 3-20, And 3-21).

Samples number (2, 5, 11, 12, 18, and black tea (22)) see increase in P element. (see Figure 3-22, And 3-23).

Samples number (6, and 18) see increase in Pb element. (see Figure 3-24, And 3-25).

samples number (2, 6, 8, 9, 10, 20 and black tea (22)) see increase in Se element. (see Figure 3-26, And 3-27).

samples number (2, 11, and 18) see increase in Sr element. (see Figure 3-28, And 3-29).

samples number (2, 5, 10,12, 13, and 19) see increase in Zn element. (see Figure 3-30, And 3-31).

Sample number (22) (black tea) see increase in Ag element. (see Figure 3-32).

Sample number (22) (black tea) see increase in Al element. (see Figure 3-33).

Sample number (1, and black tea (22)), see increase in B element. (see Figure 3-34).
Sample number (22) black tea, and table salt (23) see increase in Be element. (see Figure 3-35).

Sample number (22) black tea, and table salt (23) see increase in Cd element. (see Figure 3-36).

Sample number (7, 15, and 17) see increase in Co element. (see Figure 3-37).

Sample number (22) (black tea) see increase in Li element. (see Figure 3-38).

Sample number (22) (black tea) see increase in Ni element. (see Figure 3-39).

Sample number (1, and black tea (22)) see increase in Si element. (see Figure 3-40).

Sample number (22) (black tea) see increase in Ti element. (See Figure 3-41).